

- حافظ على الصلاة ؛ فالصلاة عماد الدين.
- أطع والديك وأحب زملاءك.
- أطع معلمك ومعلمتك وأحبهما.
- حافظ على نظافة كتبك وأدواتك.
- حافظ على كل جزء من مدرستك.
- احترم قواعد المرور.

الأشــراف برنتنج هاوس

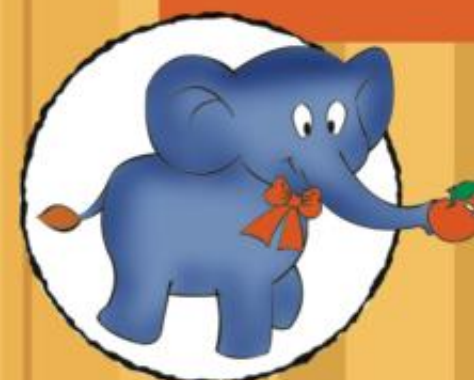


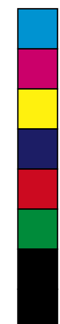
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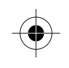
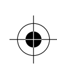
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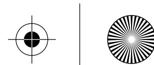
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2015 - 2016



ARAB REPUBLIC OF EGYPT
Ministry of Education
Book Sector

Mathematics

For Primary 1
Second Term

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2015 - 2016

Introduction

A foreword to Teachers and Parents

Dear teacher and parent,

We are pleased to present you with this book as part of a developed chain of mathematics textbooks. For maximum benefit, please note the following:

1- Before solving the verbal problems, please read them out carefully to your pupils and make sure they are understood.

2- There are multiples correct methods to answers to some of the problems. It is sufficient for your pupils to mention only one or some according to what is required in the problem. It is with these types of questions that we hope to develop our pupils' creativity.

3- An attempt has been made to remove barriers between mathematics and other areas of knowledge, and practical life, according to "curriculum integration". If today's scientists are mainly concerned with "the unity of human knowledge", then the best time to start is the primary stage. Therefore, it is expected that every single detail in the book will be given attention and care even if it does not belong to "mathematics" in the narrow sense of the word.

4- Some affective aims have been included in this curriculum. This is achieved by forming attitudes towards some social issues (such as the over population) besides developing appreciation and interests towards the study of mathematics. Therefore, required discussions, comments, and other like responses should not be ignored under the pretext that they are not included in school tests.

5- It is not only the customary standards of education in Egypt that have been given apparent attention, but also modern trends in the teaching of mathematics. Among these are presenting comprehensive knowledge of numbers before details pertaining to place value and performing arithmetic operations.

6- In the course of designing this book, circumstances of Egyptian schools have been taken into consideration. Hence the use of measuring tools and the performance of practical experiments have been kept to a minimum.

7- There are activities and exercises at the end of each unit. The exercises are typical of the preplanned output of each unit. The activities, however, might sometimes exceed the contents of the unit with the purpose of reviving extra-curricular activities in mathematics. These, in general, support the output of the unit and can be viewed as enrichment activities at the same time.

May God guide us all to what is in the best interest of our beloved country.

The authors

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Unit 1

Numbers up to 99



Lesson 1

Revision

(1) Circle the figures that are of the same colour:



(2) Arrange the following numbers in an ascending order, then in descending order:

2, 9, 4 , 0, 7

.... , ... , ... ,............ ,............ :Ascending order

.... , ... , ... ,............ ,............ :Descending order

(3) Draw circle according to the :









5	2	0	7

(4) Put the suitable sign (> or < or =)

3 + 4	☐	8	2 + 5	☐	6
6 + 0	☐	3 + 3	6 + 1	☐	3 + 4
5 - 2	☐	8 - 3	6 - 2	☐	6 - 4

(5) Circle the number of the elements in each of the following sets:



4 , 5 ,6



6 , 7 , 8



3 , 4 , 5

(6) Find the result:

2	7	8	3	1	6
+ 3	+ 0	- 1	+ 3	+ 4	- 6
......	......	......	......	......	......

(7) Complete:

- 9 - 8 = ...
- 7 - .... = 5
- 3 + 5 = ...
- 8 + ... = 8
- 6 - 0 = ...
- .... + 2 = 4
- 2 + ... = 9

(8) Notice, then complete:

9, 6, 3, 0

(9) Arrange the following numbers in descending (from the greatest to the smallest):

6 , 3 , 0 , 8 , 5

The order: ...., ... , ... , ...

Lesson 2

The Number Ten (10)

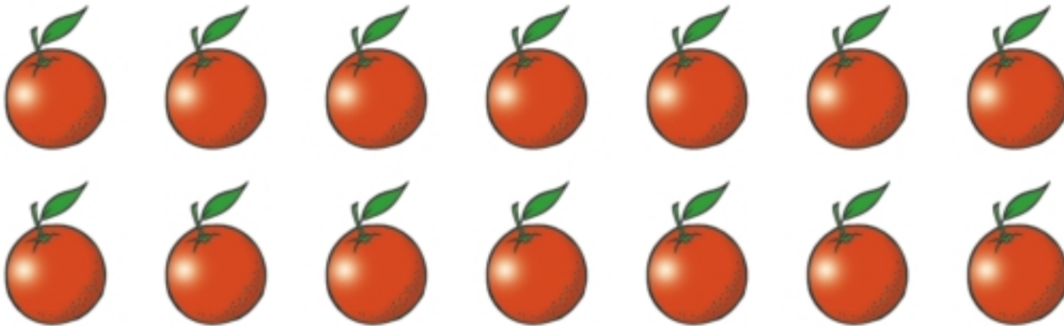


- There are ten fingers in your hands.





(1) Circle a set of 10 oranges:



(2) Complete the figure to get 10 pencils:



(3) Complete in order:

0	1	....	....	4	....	....	....	8	....	....
10	....	8	....	....	5	....	....	....	1	....

Lesson 3

Components of the Number (10)



(1) Circle the figures that are of the same colour: complete:

- 10 = 1 + ...
- 10 = ... + 4
- 7 + ... = 10
- 10 = 2 + ...
- 10 = ... + 5
- 8 + ... = 10
- 10 = 3 + ...
- 10 = ... + 6
- 10+ ...... = 10

(2) Join the cards that make 10 to the circle in the middle:

10 + 1 | 8 + 1 | 4 + 3 | 4 + 6 | 5 + 5 | 10 | 5 + 6 | 9 + 1 | 10 + 0 | 3 + 7

(3) Complete the figure, then write the missing numbers:



10

6 + ... = 10



10

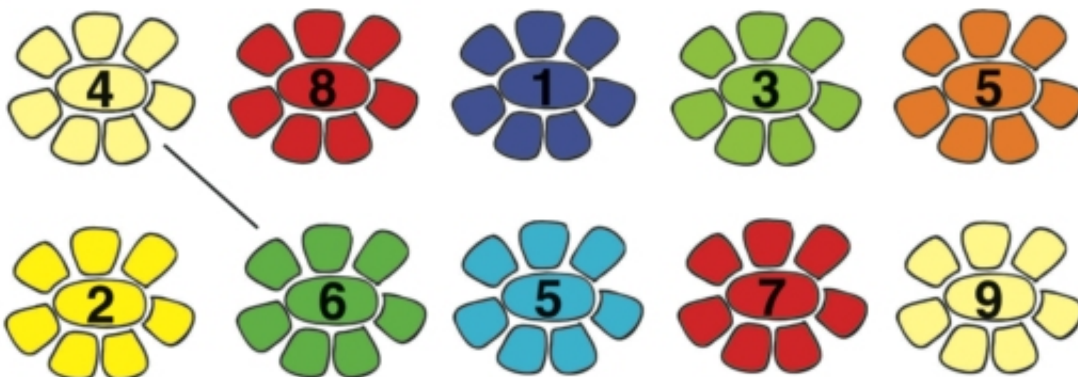
2 + ... = 10



10

..... + ... = ...

(4) Join to form 10:



(5) Underline the two numbers whose sum is 10:

Example: 3 + 5 + 7 + 4 + 1

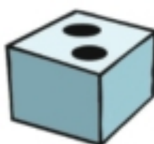
7 + 5 + 6 + 8 + 5

1 + 5 + 4 + 7 + 9

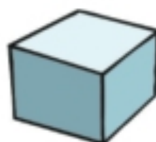
8 + 6 + 0 + 2 + 5

7 + 4 + 6 + 1 + 2

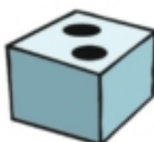
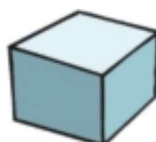
(6) Complete the figure, then write the missing numbers:

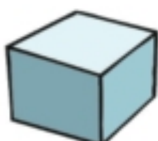
2 + 5 + ... = 10

4 + ... + ... = 10

.... + ... + ... = 10

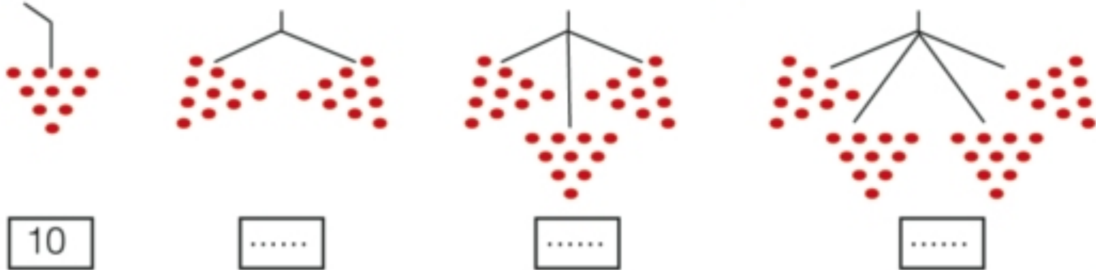
  

.... + ... + ... = 10

Teacher explains to the pupils that addition operation must be done between the first two numbers, then the result will be add to the third number.

Lesson 4

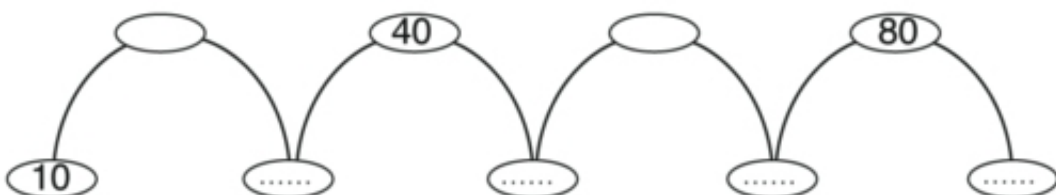
(1) Notice then write the suitable number:



(2) Notice then write the suitable number:



(3) Notice, then complete:



(4) complete:

10	20	30	....	....	....	....	....	....
90	80	....	....	....	....	....	....	10

(5)

If you know that Ahmed's father has 4 ten-pound notes and that his mother has 3 ten-pound notes, how many tens do they both have?

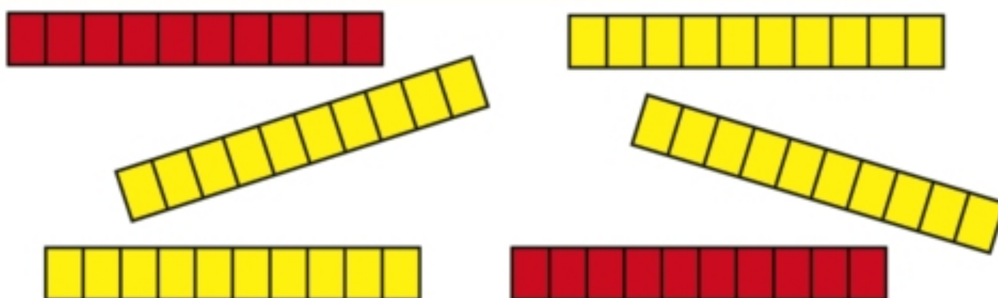


Complete: 4 tens + 3 tens = ········· tens

How many pounds do they both have?

Complete: **40 + 30 =** ·········

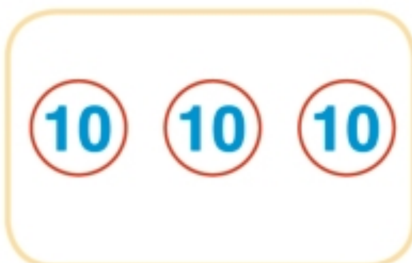
(6) Every line is divided into ten small squares:



Complete:

- The number of red lines: ...... **therefore the** number of small red squares: ......
- The number of yellow lines: ...... **therefore the** number of small yellow squares: ......
- The number of all lines: ...... **therefore the** number of all the small squares: ......

(7) Notice the figure, then complete:





	3	+	5	= ....
Therefore	3 tens	+	5 tens	= .... tens
	30	+	50	= ....

(8) Complete:

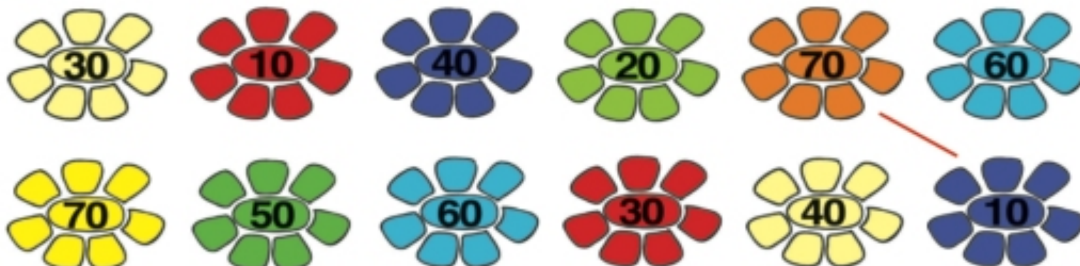
- 4 + 2 = ...
- 40 + 20 = ...

- 7 + 1 = ...
- 70 + 10 = ...

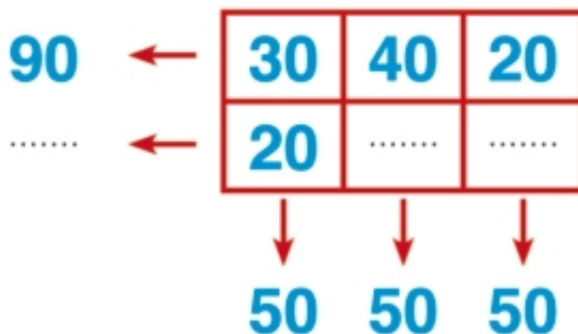
- 3 + 6 = ...
- 30 + 60 = ...

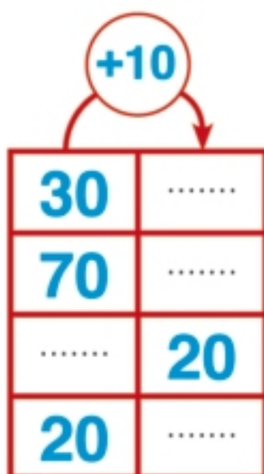
- 4 + 3 = ...
- 40 + 30 = ...

(9) Join to form 80:



(10) Complete:

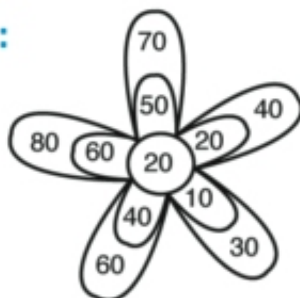


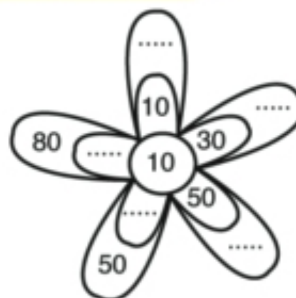




(11) Notice and complete as in the example:

Example:





Activity 11: Teacher shows to the pupils that the example is an addition operation that must be done from internal to the external

Lesson 5

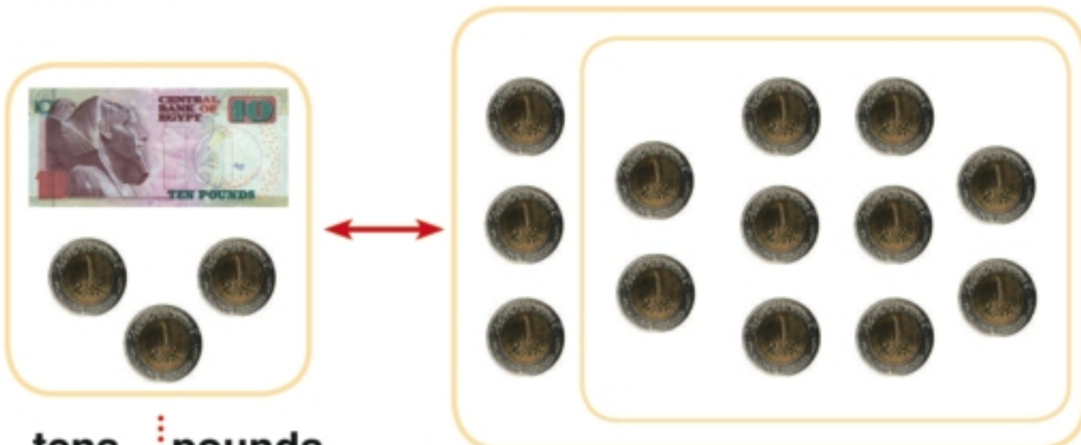
Tens and Units

The ten pounds



- We can exchange 1 ten-pound for 10 one-pound coins . We can also exchange 10 one-pound notes for 1 ten-pound note.

Example:



tens	pounds
1	3

3 pounds, 10 pounds (13 pounds)

13 pounds

read as ....

(1) Complete as in the last example:

5 pounds, 2 tens pound notes



.... pounds and two tens	25 pounds



2 tens pound notes	pounds
....	....

.... pounds



2 tens pound notes	pounds
....	....

.... pounds

(2) Complete:

- 7 tens and 4 pounds = ... pounds (70 + 4 = ...)
- 3 tens and 8 pounds = ... pounds (.... + 8 = ...)
- One pound and 9 tens = ... pounds (.... + ... = ...)

(3) Notice the opposite figure and complete:



- It was possible to form .... sets with 10 squares in each set and a remainder of .... squares.
- The number of all the squares.

  = ... + 20

  = ...

(4) Form sets with 10 stars in each:



- How many sets can you form?

  ....

- How many stars are left? ....
- How number of all the stars

  = ... + ...

  = ...

(5) Form tens of 10 birds, then complete:

units	tens
....	....

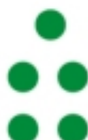


- The number of birds:

  ....

(6) Complete as in the example:

Example:

One tens, 5 units

10 + 5

15





..... tens, ... units

..... + ...

....



..... tens, ... units

..... + ...

....

(7) Complete as in the example:

Example:



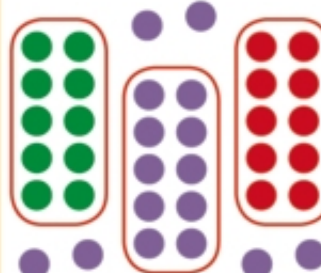

Tens	Units
1	6

10 + 6 = 16




Tens	Units
....	....

...... + ... = ...



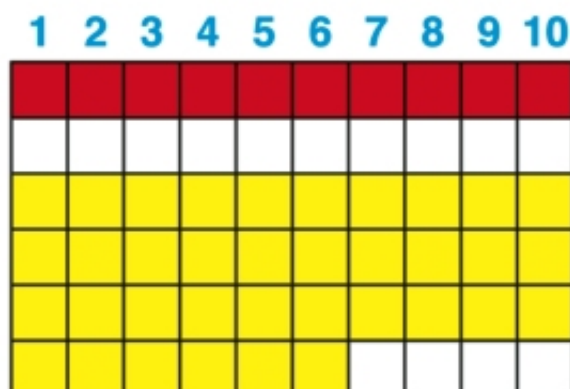
Tens	Units
....	....

...... + ... = ...

(8) Draw 15 balls, then complete:

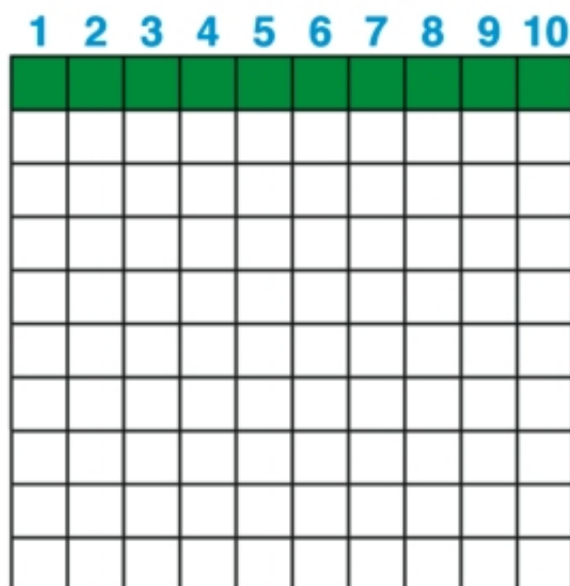
tens	units
....	....

(9) Complete:



- Number of red squares = ...
- Number of yellow squares = ...
- Number of all coloured squares = ... + ... = ...

(10) Complete:



- Number of coloured squares = ...
- Colour another 54 squares.
- What is the total number of the coloured squares?

4 + ... = ...

(11) Complete as in the example:

Example: 38 = 8 + 30

- 17 = 7 + ...
- 23 = 3 + ...
- 65 = ... + 60
- 56 = ... + ...
- 94 = ... + ...
- .... = 3 + 50
- .... = 1 + 70
- .... = 4 + 40
- 80 = ... + ...
- 10 = ... + ...

(12) Complete as in the example:

Example: 4 tens + 7 units = 47

- 3 units + 5 tens = ...
- 8 units + one ten = ...
- 9 units + 2 tens = ...
- 4 units + 7 tens = ...
- 6 units + 6 tens = ...
- 1 units + 3 tens = ...

(13) Complete:

- fifty-four = 50 + 4 = ...
- sixty-three = ... + ... = ...
- forty-five = ... + ... = ...
- ninety .... = ... + ... = 92
- .... = ... + ... = 71

(14) Join the cards with the same number:

32

3 tens + 2

two tens and 3 units

20 + 3

23

2 + 30

Lesson 6

Place Value

(1) Draw a circle around the value of the underlined digit as in the example:



Example:

$\underline{7}\ 4$	$5\ \underline{2}$	$1\ \underline{7}$	$\underline{3}\ 1$
(70) 7	20 2	70 7	30 3
$6\underline{6}$	$4\underline{0}$	$\underline{9}3$	$\underline{7}7$
60 6	10 0	90 9	70 7

(2) Underline the place value of the number as in the example:

Example

$3\underline{4}$	$\underline{7}5$	$3\underline{8}$
(unite) tens	unite tens	unite tens
$\underline{8}7$	$3\underline{0}$	$9\underline{1}$
unite tens	unite tens	unite tens

Teacher shows to the pupils the difference between the place value and the value of a digit in a digit in a number

(3) Complete as in the example:

Example:

23

20 + 3

10 + 10 + 3

10 + 10 + 1 + 1 + 1

....

.... + ...

.... + ... + ...

10 + 10 + 1 + 1 + 1 + 1 + 1

32

.... + ...

.... + ... + ... + ...

..... + ... + ... + ... + ...

(4) Complete the following table:

The number	37	43	3	32	30	93
The place value of the digit 3	Ten	....	....	....	....	....

(5) Write suitable numbers:

The number	93	....	....	....	....	....
The value of the digit 9	90	9	9	90	90	9

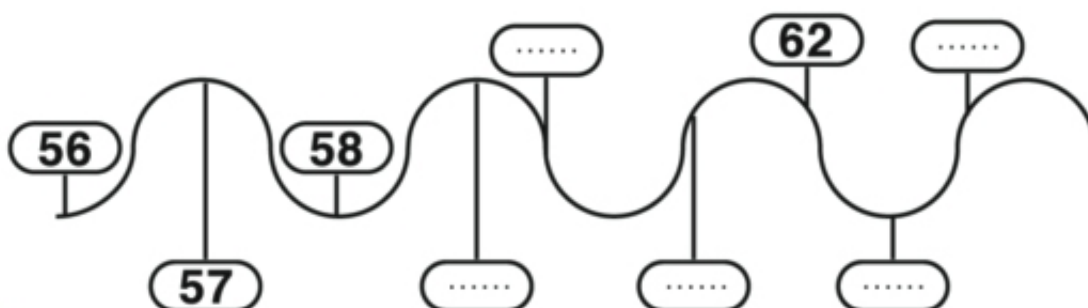
Lesson 7

Ordering and Comparison

(1) Join the numbers and colour the resulting figure:

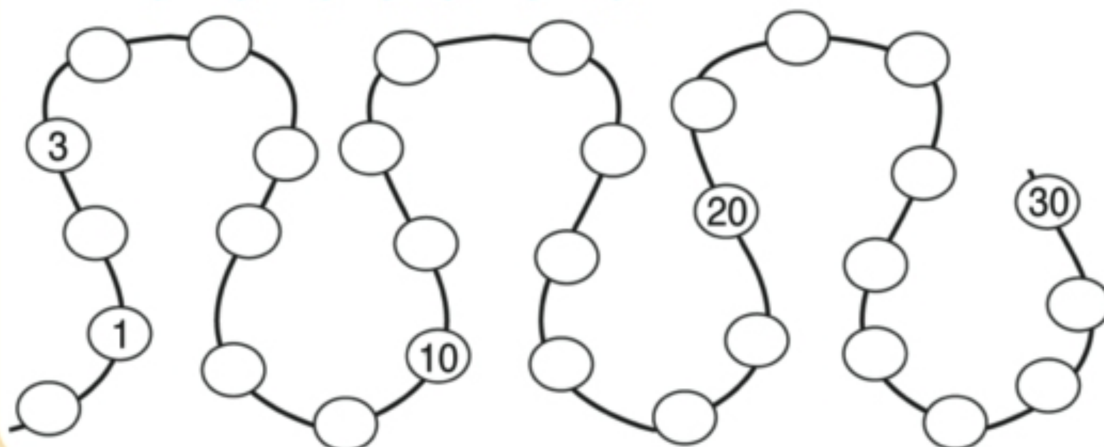


(2) Notice then complete:



(3) Write the following numbers in their suitable places (and leave the other circles empty):

19 , 11 , 21 , 9 , 0 , 29 , 23 , 16



(4) Arrange the following numbers from the smallest to the greatest:

34 , 91 , 49 , 46 , 60

29	....	43	....	47	....	52	....	73	....

(5) Tick (✓) the greater number:

3 tens, 8 units	7 tens
4 tens, 5 units	5 tens, 9 units
one tens, 4 units	Forty-three
two tens, one unit	Thirty-four

(6) Write the following numbers in their suitable places on the line:

45 , 38 , 56 , 24 , 52



20 30 40 50 60

(7) Put (✓) or (×) in the suitable place:

54	>	47	[ ]	20 + 17	>	30 + 7	[ ]
23	>	32	[ ]	9 + 50	>	9 + 40	[ ]
37	<	27	[ ]	50 - 8	<	50 + 8	[ ]
94	>	49	[ ]	70 - 7	<	70 - 9	[ ]

(8) Colour every flower that has a number greater than 40:



The choice depends on the whole tens without proceeding the addition operation

(9) Table of numbers from 0 to 99:

(a) Write suitable numbers in the yellow squares.

(b) Write the following numbers in their suitable places in the table.

45 , 21 , 78 , 15 , 64 ,

98 , 88 , 33 , 66 , 56

N.B. Leave the rest to the squares empty.

0	1	2	3	4	5	6	7	8	9
10	11			14			17	18	19
20				24					29
				34					
40	41	42	43	44					
				54					
70					75	76			
							87		89
	91								99

Activities

Unit 1

(1) Competition "Who am I?":

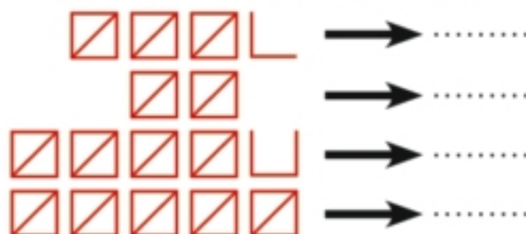
- I am a number that comes between 20 and 30. My units digit is 7. Did you know me? ....
- I am a number that comes between 37 and 47. My units digit is 0. Did you know me? ....
- I am a number that comes between 49 and 59. My units digit equals my tens digit. Did you know me? ....
- I am the greatest 2-digit number whose sum is 10. Did you know me? ....
- I am the smallest 2-digit number whose sum is 8. Did you know me? ....
- I am the smallest 2-digit number. The difference between my two digits is 3. Did you know me? ....

(2) The following signs express the numbers from 1 to 5 according to the following code:



Example: → 13

(a) Write the numbers:



→ ....

→ ....

→ ....

→ ....

(b) Draw the signs:



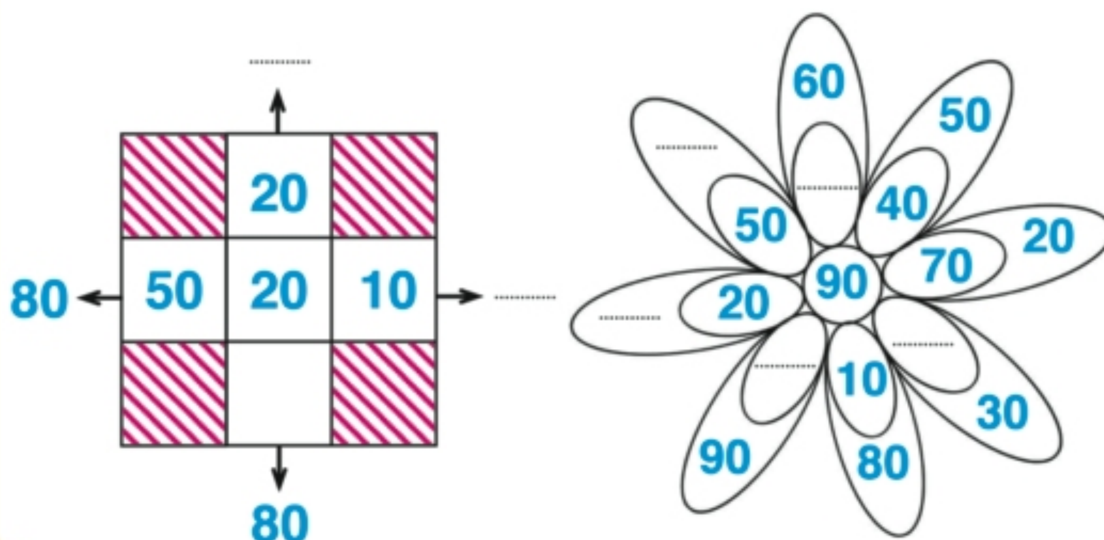
.... → 27

.... → 32

.... → 14

.... → 21

(3) Notice and complete:



(4) The birthday party:

- Samia put 4 red candles, and 3 yellow candles in her father's birthday cake. If the red candle stands for a year and the yellow candle stands for 10 years.

(a) Calculate the age of Samia's father.

.... + ... = ...

(b) If you know that on the next birthday of Samia's mother, she will be 31 years old, how many red candles and yellow candles should be put on the birthday cake then?



Complete: .... red candles and .... yellow candles should be put on the cake.

Because: .... + ... = ...

Exercises

Unit 1

(1) Complete:

- 30 + 5 = ...
- 8 + ... = 88
- 20 + ... = 70
- 4 + 70 = ...
- 30 + 50 = ...
- ...... − 30 = 40

(2) Complete:

- 64 = ... tens and .... units.
- 53 = ... tens and .... units.
- .... = 2 tens and 7 units.
- .... = 9 units.
- .... = 5 tens.

(3) Put the suitable sign (< , = or >):

- 7 + 60 ☐ 6 + 70
- 20 + 40 ☐ 9 + 50
- 30 + 50 ☐ 50 + 30
- 7 + 80 ☐ 8 + 70

(4)

(a) What is the smallest 2-digit number? ....

(b) What is the greatest 2-digit number? ....

(c) Write a number greater than 30 and smaller than 40.

....

(5) Complete in the same pattern:

(a) 36 , 37 , 38 , ... , ... , ...

(b) 72 , 71 , 70 , ... , ... , ...

(c) 20 , 22 , 24 , ... , ... , ...

(d) 50 , ... , 30 , ... , 10 , ...

(6) Write the place value and the value of the underlined digit:

The number	The place value	The value
$\underline{6}\,4$		
$5\,\underline{3}$		
$\underline{4}\,5$		
$7\,\underline{6}$		

Unit 2

Addition and Subtraction up to 99

Fractions



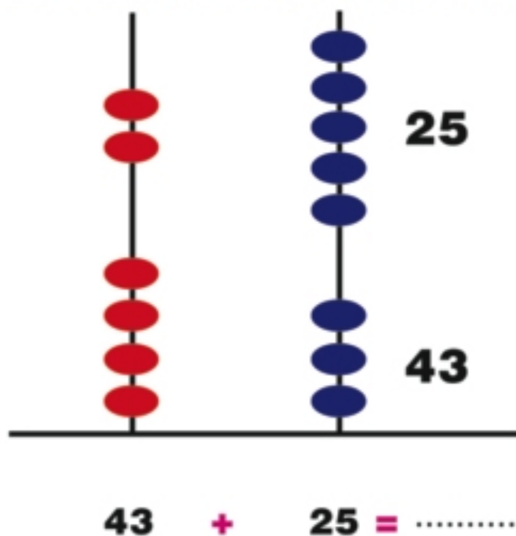
Addition up to 99

(1) Complete:

(a)

Tens	Units
4	3
2	5
....	....

43
+ 25
....

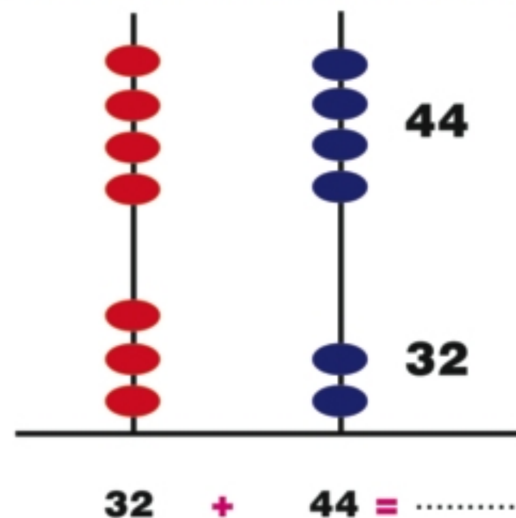


43 + 25 = ...

(b)

Tens	Units
3	2
4	4
....	....

32
+ 44
....

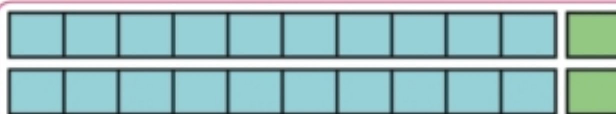
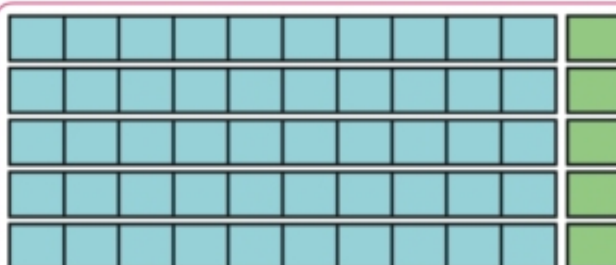


32 + 44 = ...

(c)

$$\begin{array}{r} 22 \\ +\ 55 \\ \hline \dots\dots \end{array}$$

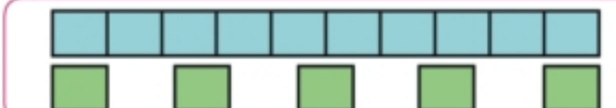
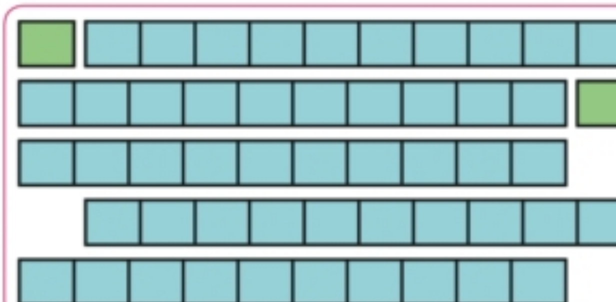
22 + 55 = ...

(d)

$$\begin{array}{r} \dots\dots \\ +\ \dots\dots \\ \hline \dots\dots \end{array}$$

.... + ... = ...

(2) Add:

(a)
$$\begin{array}{r} 48 \\ +\ 21 \\ \hline \dots\dots \end{array}$$

(b)
$$\begin{array}{r} 26 \\ +\ 33 \\ \hline \dots\dots \end{array}$$

(c)
$$\begin{array}{r} 25 \\ +\ 34 \\ \hline \dots\dots \end{array}$$

(d)
$$\begin{array}{r} 19 \\ +\ 50 \\ \hline \dots\dots \end{array}$$

(e)
$$\begin{array}{r} 66 \\ +\ 32 \\ \hline \dots\dots \end{array}$$

(f)
$$\begin{array}{r} 34 \\ +\ 54 \\ \hline \dots\dots \end{array}$$

(3) Add:

(a) 57 + 31 = ...

(b) 42 + 47 = ...

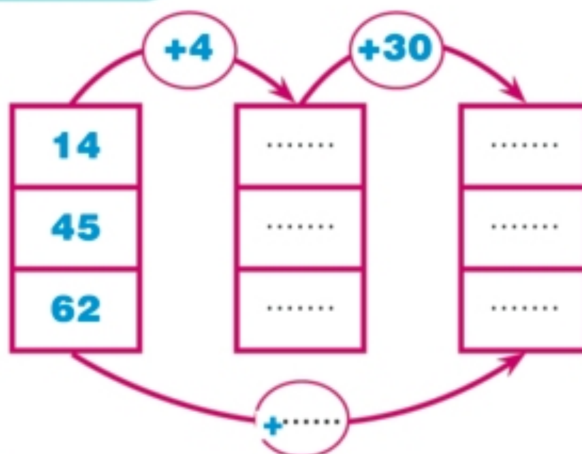
(c) 24 + 35 = ...

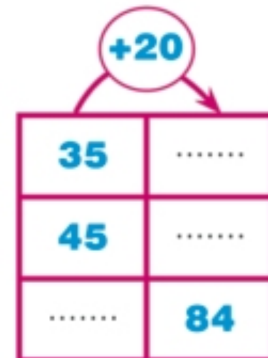
(d) 22 + 74 = ...

(e) 80 + 17 = ...

(f) 45 + 54 = ...

(4) Add:





(5) Find out the components of 10 and complete as in the example:

Example: 7 + 20 + 3 = 7 + 3 + 20

= 10 + 20 = 30

(a) 6 + 25 + 4 = 25 + ... + ... = 25 + ... = ...

(b) 27 + 5 + 2 + 5 = 27 + 2 + ... + ... = ... + 10 = ...

(c) 74 + 9 + 10 + 1 = 74 + ... + ... + 10

= 74 + ... + 10 = 74 + ... = ...

(d) 8 + 2 + 20 = ... + 20 = ...

(6) Complete according to the same rule:

(a) 2 , 12 , 22 , ... , ... , ...

(b) 7 , 27 , ... , ... , 87

(c) 15 , ... , 25 , 30 , ... , ...

(7) Choose the number nearest to the correct answer for each of the following:

(a) 43 + 26 is nearest to .... (50 , 70 , 90)

(b) 40 + 9 is nearest to .... (50 , 70 , 90)

(c) 19 + 70 is nearest to .... (50 , 70 , 90)

(8) Complete:







(a) The number of balls in both the green and yellow boxes = 41 + 33 = ...

(b) The number of balls in both the yellow and red boxes = ... + ... = ...

(c) The number of balls in both the green and red boxes = ... + ... = ...

(d) The number of balls in all three boxes = ... + ... + ... = ...

(Find the number of balls in the three boxes in all possible ways)

(9) Complete:



(a) The price of the bear and the plane

= .... + ... = L.E. ....

(b) The price of all the toys

= .... + ... = L.E. ....

(10) Vacination protects us against diseases.

Number of vaccinated children	Day
45	Sunday
22	Monday
34	Tuesday
23	Wednesday
31	Thursday



Complete: (a) The number of pupils vaccinated on Sunday and Monday = 45 + 22 = ... pupils

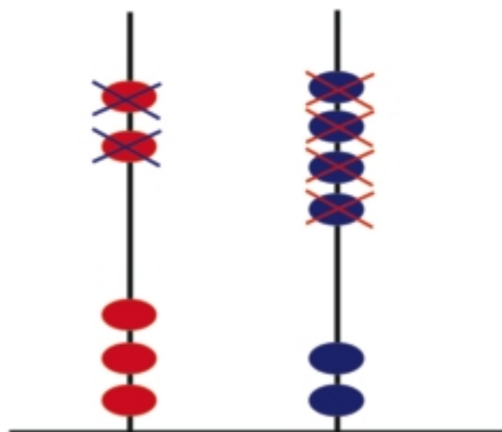
(b) The number of pupils vaccinated on the other days = 34 + ... + ... = ... pupils

(c) What are the vaccines you have taken up till now? (Ask your parents)

Subtraction up to 99

(1) Notice and complete:

	Tens	Units
	5	6
–	2	4
	3	2



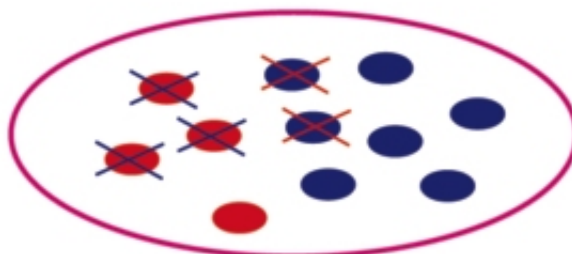
$$\begin{array}{r} 56 \\ -\ 24 \\ \hline 32 \end{array}$$

56 – 24 = …………

(2) Notice and complete:

	Tens	Units
	4	7
–	3	2
	1	5

Lesson 3



47 – 32 = …………

$$\begin{array}{r} 47 \\ -\ 32 \\ \hline \ldots \end{array}$$

(3) Subtract:

(a) 97 − 42 = ...

(b) 19 − 5 = ...

(c) 52 − 31 = ...

(d) 46 − 13 = ...

(e) 65 − 43 = ...

(f) 78 − 34 = ...

(g) 81 − 50 = ...

(h) 49 − 39 = ...

(i) 25 − 13 = ...

(j) 83 − 41 = ...

(k) 88 − 44 = ...

(l) 47 − 16 = ...

(4)

- After buying the dress, the remainder she will have = ... pounds.
  Because:
  .... − ....
  = L.E. ....



(5) Complete:

■ A box of biscuits has 28 pieces.

Sherif



ate 4 pieces and

Nancy



ate 3 of it. What is the remainder?

■ What Sherif and Nancy have eaten =

☐ + ☐ = ☐ pieces.

■ The remainder = 28 – ☐ = ☐ pieces.

The teacher shows to the pupils drill (5) by telling a story of two children

Exercies on Addition and subtraction up to 99

(1) Complete:

(a)
```
   67
 - 32
 ----
 ........
```

(b)
```
   25
 + 44
 ----
 ........
```

(c)
```
   49
 + 30
 ----
 ........
```

(d)
```
   36
 - 35
 ----
 ........
```

(e) 43 + 25 = ... (f) 78 – 8 = ... (g) 44 – 44 = ...

(h) 15 + 24 – 16 = 39 – 16 = ...

(i) 89 – 12 – 25 = 77 – 25 = ...

(2) Notice and complete as in the example:

Example:

87 – 34 = 53   87 – 53 = 34   87= 34 + 53

(a) 93 – 71 = ...   93 – ...... = 71   93 = ... + 71

(b) 42 – ...... = 20   42 – 20 = ...   42 = ... + ...

(c) 78 – ...... = ...   78 – ...... = ...   78 = 15 + ...

(3) Complete with the suitable signs (< , = , or >):

(a)	55 + 21	○	76 – 14	(b)	55 + 31	○	76 – 14
(c)	9 + 81	○	15 – 10	(d)	72 – 10	○	52 + 10
(e)	48 + 41	○	41 + 48	(f)	23 + 35	○	99 – 54

(4) Complete so that the statement is correct:

(a)	53 + 46	=	46 + ...	(b)	45 + 50	<	..... + 46
(c)	62	>	....	(d)	62 – 21	>	62 – .....
(e)	62 – 15	>	62 –	(f)	35 + 42	>	..... + ...

(5) Complete in the same sequence:

(a) 96 , 86 , 76 , ... , ...

(b) 85 , 80 , 75 , ... , ...

(c) 37 , 57 , 77 , ...

(6)

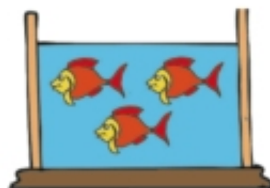
Soad bought a packet of Rice for 4 pounds and a bottle of Milk for 5 pounds. If she had 29 pounds, what is the remainder?

The remainder = 29 – .... = L.E. ....

(7) If you have 24 pounds and want to spend it all in a pet shop..



2 pounds each



5 pounds each



6 pounds each



12 pounds each

- **Mention 4 ways you can spend your money.**

the teacher shows to the pupils in drill (7) : that there are more than one way To get the solution and he helps them to do that .

(8)

A small family is a happy family.



father
39 years



mother
36 years



daughter
9 years



son
5 years

Complete:

(a) The difference between the age of the father and the age of the mother = ………… − ………… = ………… years

(b) The difference between the age of the father and the age of the daughter = ………… − ………… = ………… years

(c) The difference between the age of the daughter and the age of the son = ………… − ………… = ………… years

(d) Discuss: Why is a small family a happy family?

Lesson 3

Fractions: the half, the third and the Quarter



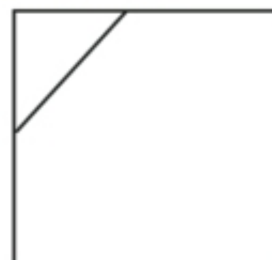
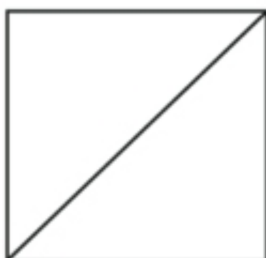
One loaf = 2 halves
and each part is called half

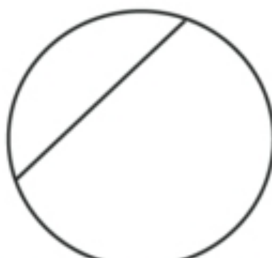


One orange = 2 halves
each part =

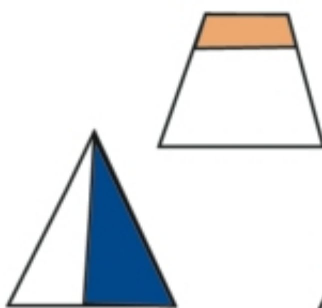
(1) Underline the suitable number as in the example:





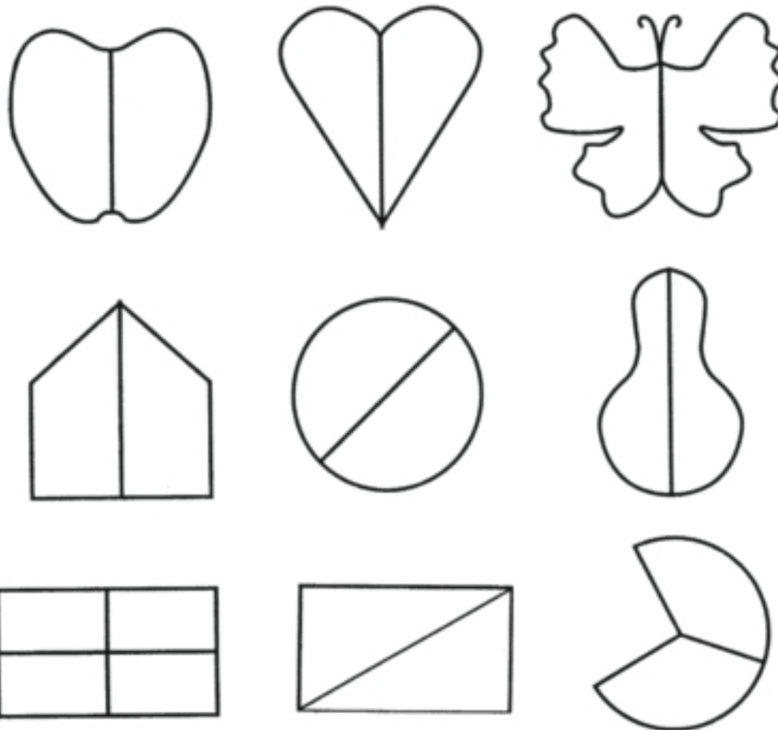
(2) Write $\frac{1}{2}$ under the figure if half of it is coloured:



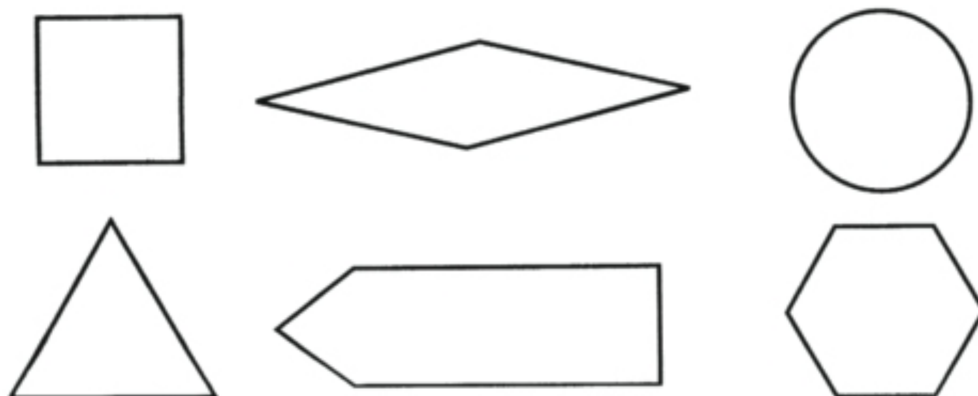





colour $\frac{1}{2}$ of each of the following figures:



Divide each figure into 2 halves and colour one of the two halves:



(1) Fractions: the half, the third and the Quarter



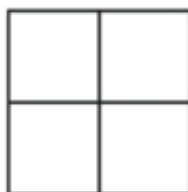


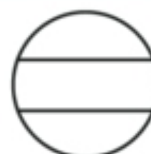
One loaf = three equal thirds,each part of them is called third ($\frac{1}{3}$)

A piece of biscuit = three equal thirds,each part of them is called third ($\frac{1}{3}$)

Put (✓) under each figure divided into three equal parts:









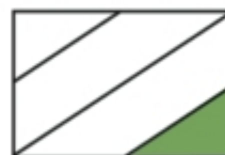




(2) Write $\frac{1}{3}$ under the figure if third of it is coloured:







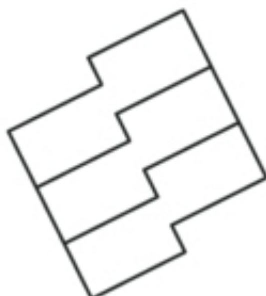
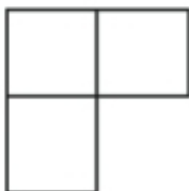




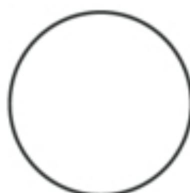


(3) Colour $\frac{1}{3}$ of each of the following figures:

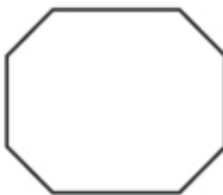


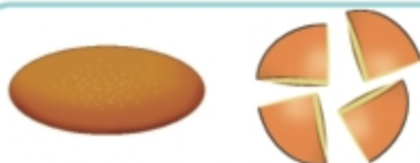




(3) Divide each figure into 3 third, and colour one of them:







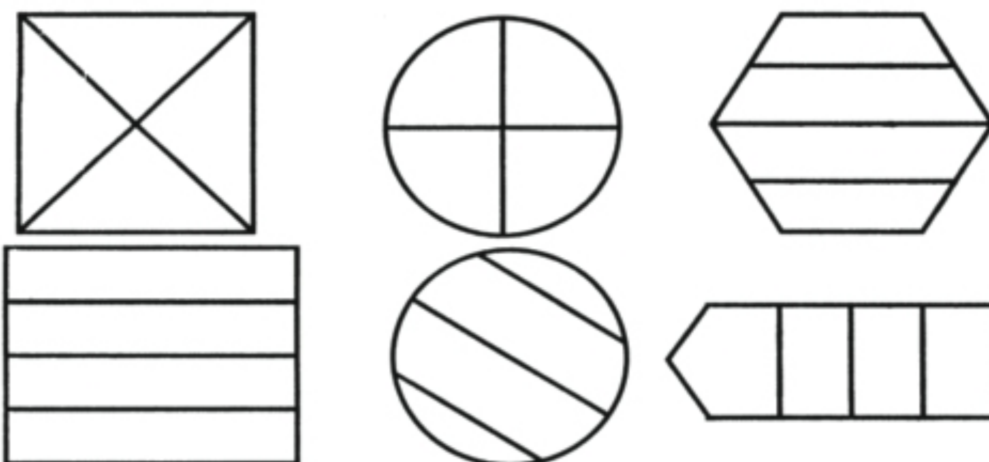
One loaf = 4 equal parts



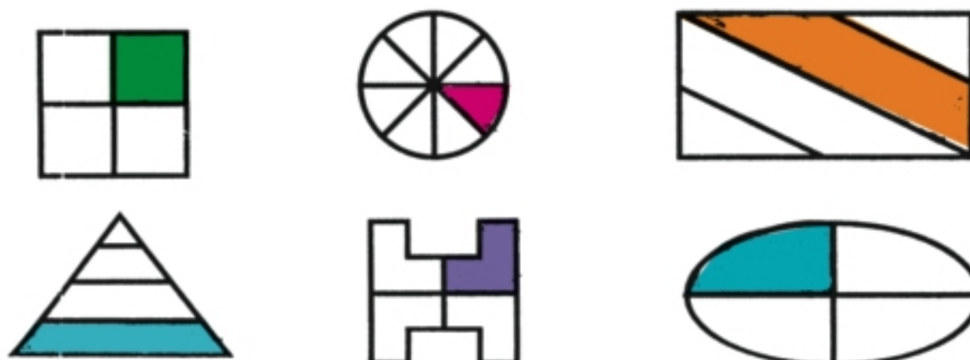
One orange = 4 equal parts

Equal parts , and each part is called quarter $\frac{1}{4}$

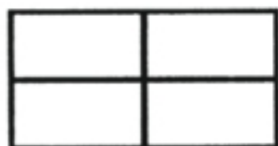
(1) Put (✓) under every figure divided into four equal parts:

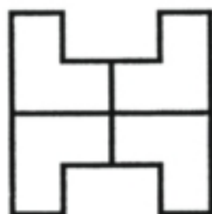
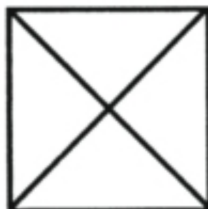
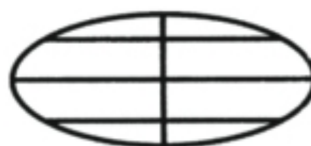


(2) Write $\frac{1}{3}$ under the figure if quarter of it is coloured:

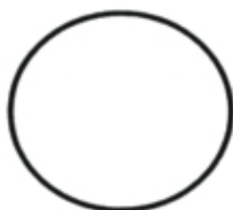
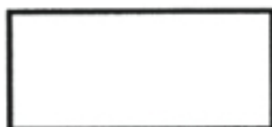


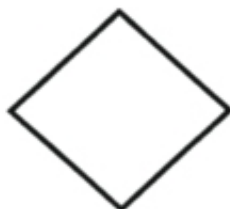
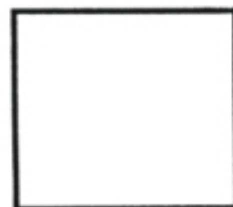
(3) Colour $\frac{1}{4}$ of each of the following figures:



(4) Divide each figure into 4 equal quarters and colour one of them:

Activities

Unit 2

(1) Numbers and shapes:

- If we want to put a number in place of each of the five drawn shapes in the following table so that the sum of each three numbers equals which the number which the arrow points to, then complete:

○ = ... ،
◇ = ... ،
(cross shape) = ... ،
□ = ... ،
△ = ...

○	○	○	→ 30
○	◇	◇	→ 20
(cross shape)	◇	◇	→ 9
↓ 23	↓ 17	↓ 19	

(2) Deduce the operation and then complete with suitable digits:

+ ....

27	□8
53	7□
61	□□
□4	□5
□□	43
3□	□4

(3) As small as possible: 1 , 3 , 5 , 8

- Choose two different digits of these numbers and write them in the two empty boxes so that the sum of the two numbers is as small as possible:

  First number: ....

  Second number: ....

  Find the sum: ....

Tens	Units
4	☐
☐	4

(4) As great as possible: 1 , 3 , 5 , 8

- Choose two different digits these numbers and write them in the two empty boxes so that the difference between the two numbers is as great as possible:

  First number: ....

  Second number: ....

  Find the difference: ....

Tens	Units
7	☐
7	☐

(5) Do you know?

- That ancient Egyptians used to write the number 1 as: I

  and the number 10 as: ∩

- Therefore, they used to write 34 as: ∩∩∩IIII

  (a) Now deduce how they used to write 42: ....

  37: ....

  (b) Complete: ∩∩∩II 32

  ∩∩IIII ....

  ∩∩∩ ....

Teacher should ask his pupils to collect information about number used by the ancient egyptians

(6) Notice and complete the equalities:

(10) (2) (20) (7)

1 2 + 2 7 = 22 + ... = ... + 30 = 19 + ... = ... + 10

(20) (6) (30) (3)

2 6 + ... = 36 + ... = 9 + ... = 29 + ... = ... + 20

Exercises

Unit 2

(1) Complete:

(a)
$$\begin{array}{r} 53 \\ +\ 25 \\ \hline \dots\dots \end{array}$$

(b) 36 + 43 = ...

(c)
$$\begin{array}{r} 75 \\ +\ 22 \\ \hline \dots\dots \end{array}$$

(d) 86 – 66 = ...

(e) 70 + 19 = 19 + ...

(f) 86 = 66 + ...

(2)

Ahmed bought a toy  for 14 pounds, and another toy  for 11 pounds. How much did Ahmed pay?

The sum Ahmed paid = ... + ... = ... pounds

(3) Complete the missing:

(a)	27 + 42		98
(b)	24 + 65		49
(c)	36 – 33		....
(d)	84 – 51		32 – .....
(e)	11 + 26		..... – .....

(4) Circle the closest number to the correct answer:

(a) 47 + 32 = ...	30	50	80
(b) 88 – 36 = ...	30	50	80
(c) 79 – 44 = ...	30	50	80

(5) Complete in the same sequence:

(a) 21 , 31 , 41 , ... , ...

(b) 76 , 66 , 56 , ... , ...

(c) 34 , 44 , 54 , ... , ...

(6) Write the fraction which represents the coloured part:





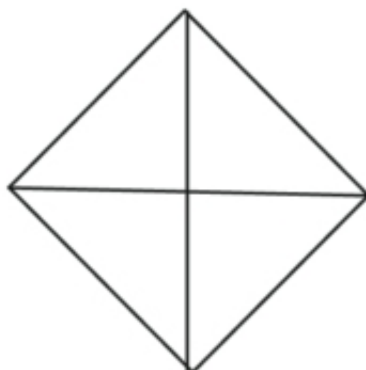


....

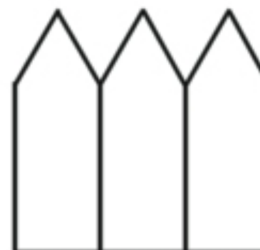
(7) colour according to the fraction :



$\frac{1}{2}$



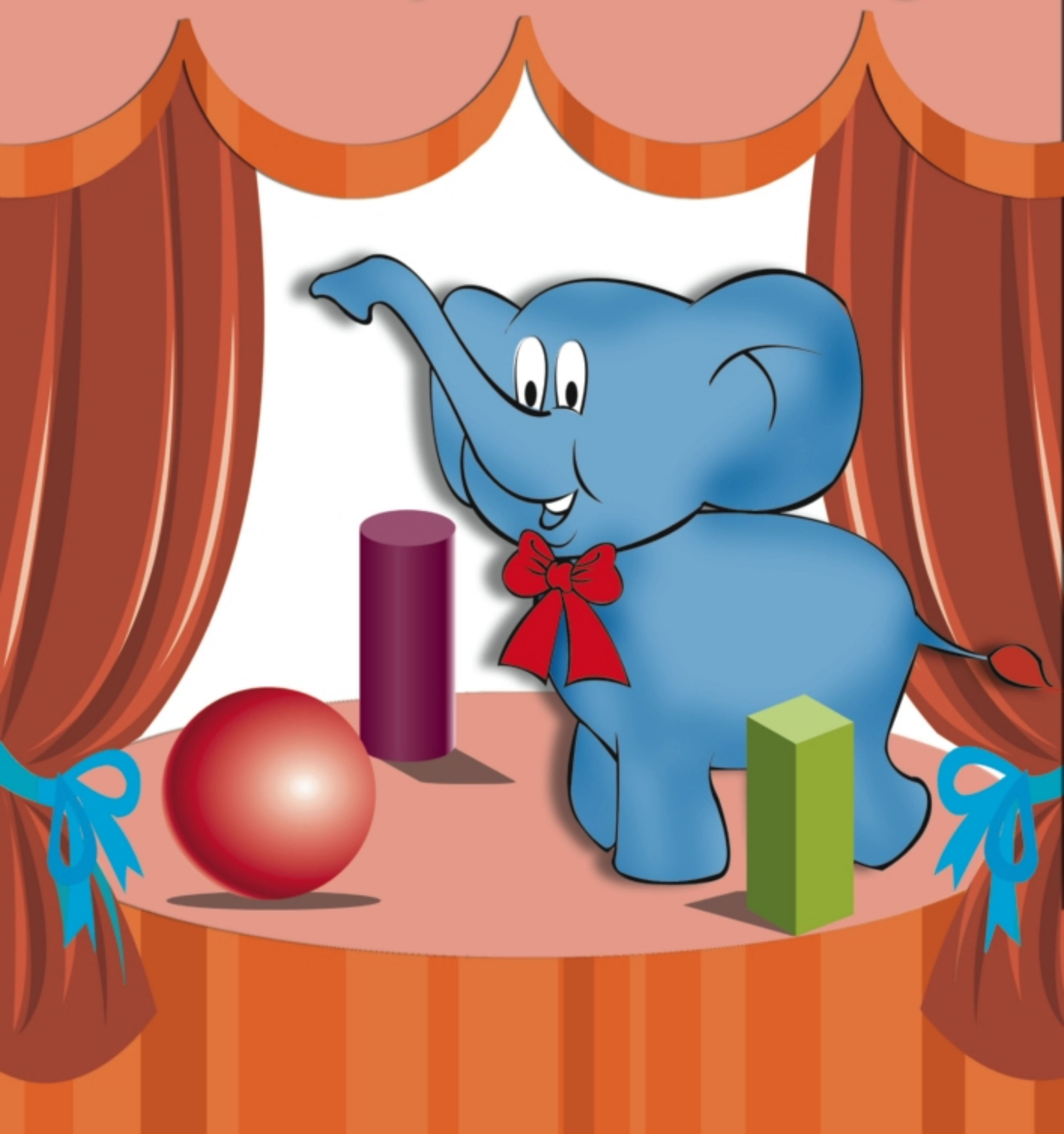
$\frac{1}{4}$



$\frac{1}{3}$

Unit 3

Geometry and Measuring



Lesson 1

solids

(1) Give an example of the things you know (or use) that look like each of the following solids: (Discuss these examples with your classmates.)


pyramid


cylinder


cube


cuboid


sphere


Triangular prism


cone

Teacher should use educational, eco solids to make teaching solids easier.

(2) Tick (✓) under what you find similar to the solid drawn on the left as the example:

Example:































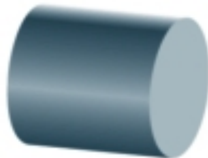


(3) Join each solid to its name:









sphere

cone

prism

cube

cuboid

cylinder

pyramid

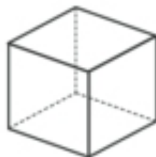


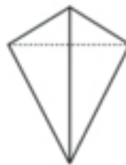


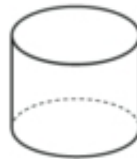


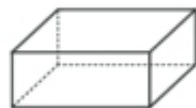
(4) Colour the cubes in yellow and the pyramids in green:



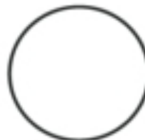






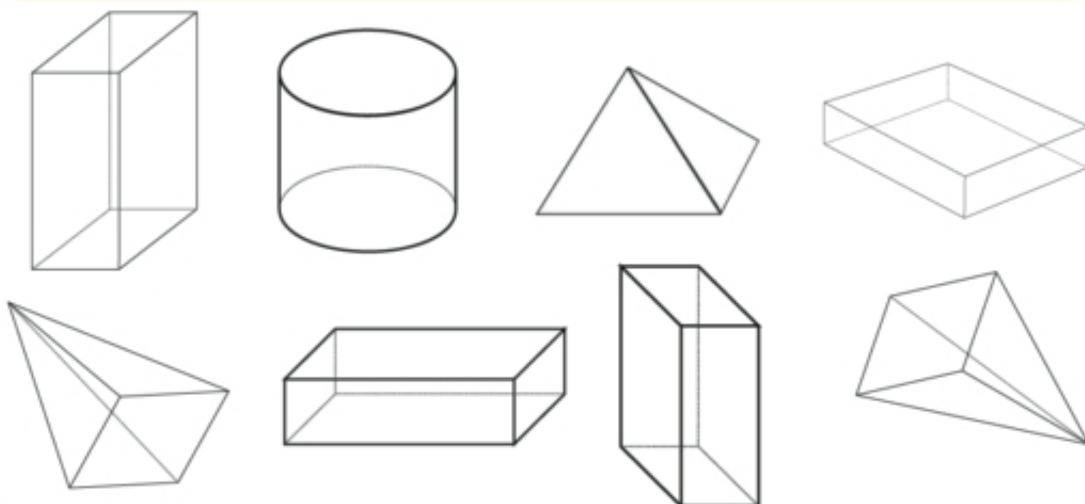




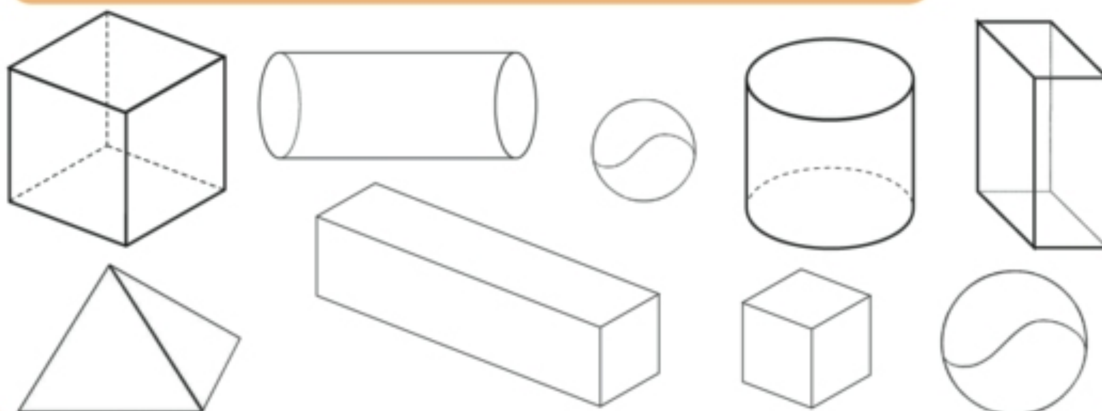




(5) Colour the solids that have the same shape with the same colour:



(6) Colour the solids that can be easily rolled:

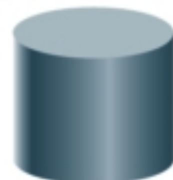
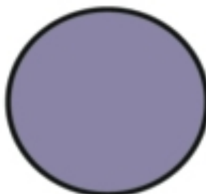


(7) Match each box with its lid:

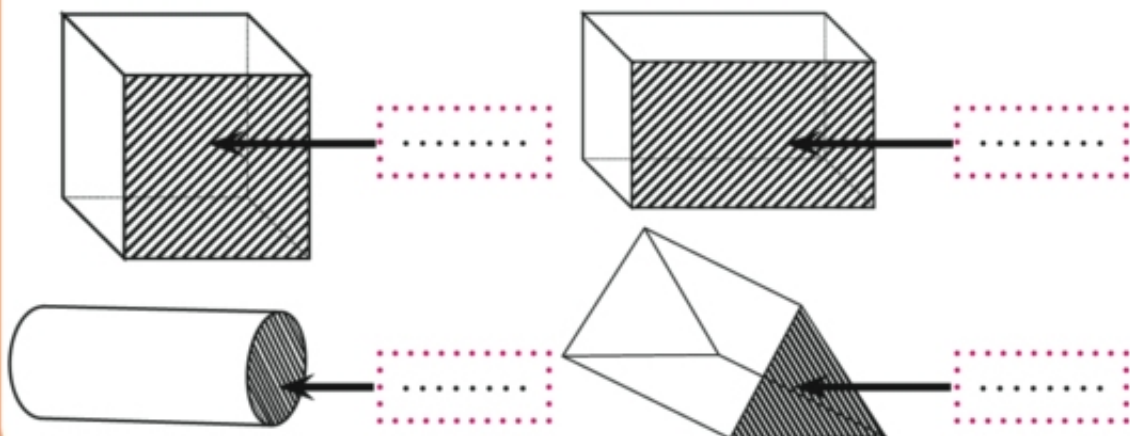


Solids and Shapes

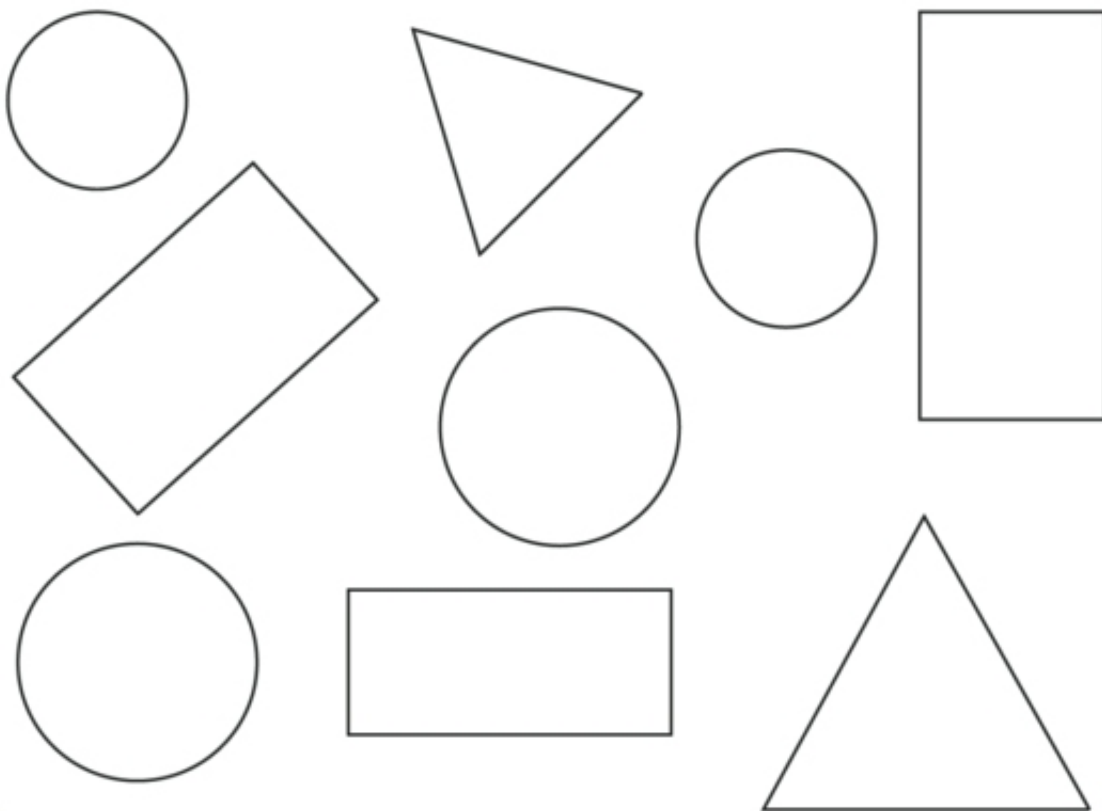
(1) Tick (✓) under the solid in which you can see the given shape:

Shape	Solids		
 rectangle			
 triangle			
 square			
 circle			

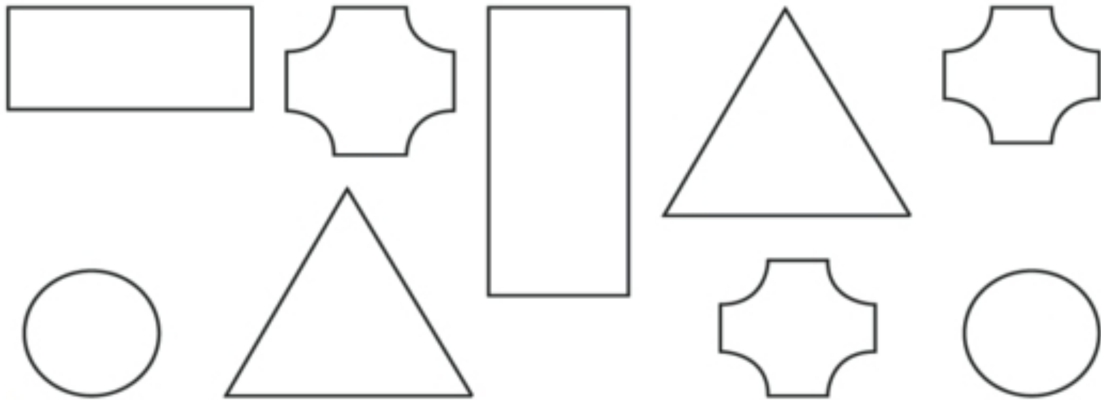
(2) Write the name of the shape the arrow points to:



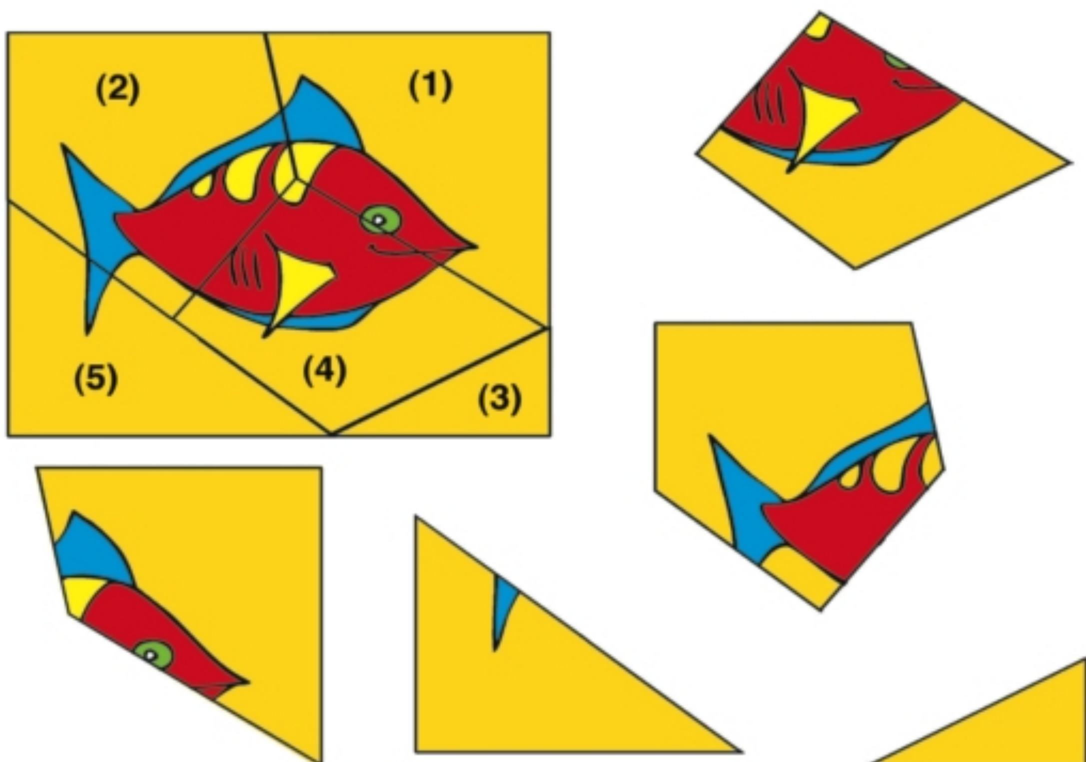
(3) Colour the rectangles in red, triangles in green and circles in yellow:



(4) Colour the similar shapes with the same colour:



(5) Number the figures to form the picture:



Teacher is to ask the pupils to collect more picture and carry on the steps of drill (5).

Lesson 3

Money

(1) Complete:











- The price of the doll is .... pounds.
- The price of the motorcycle is .... pounds.
- The price of the box of colours is .... pounds.



(2) Write the amount of money:





.... pounds

.... pounds

(3) If you have a 20 pound note and a 5 pound note and you buy the shown toys, what will the remainder be?













L.E. 10

L.E. 5

L.E. 3

L.E. 3

(4) Yasser has the following amounts of money:







- He bought some things for 64 pounds.

  How much money is left with him? ....

(5) Find the remainder:

(a)





25 pounds – 4 pounds = ... pounds

(b)





.... pounds – .... pounds = ... pounds

Days of the Week

(1) Colour the days that you go to school in yellow and the day you go out with your family in green:

Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday

Complete:

Yesterday	Wednesday	Tuesday			
Today	Thursday		Monday		Friday
Tomorrow	Friday			Sunday	

(2)

- What day comes directly after Sunday? ....
- What day comes directly after Friday? ....
- What day comes directly before Tuesday? ....
- On Thursday, Maged went on a trip for two days. On which day will he come back? ....

Using the calendar:

(3) Use the opposite calendar to answer the following questions:



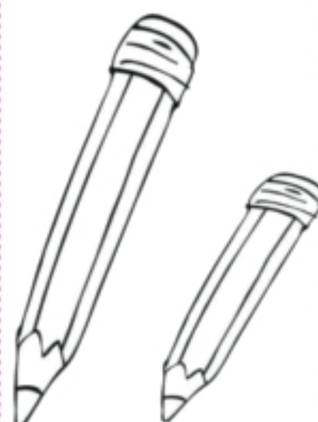
- What day of the week is 15th November of the same year?..
- What day of the week is 17th November of the same year?..
- What day of the week is 12th November of the same year?..

Lesson 5

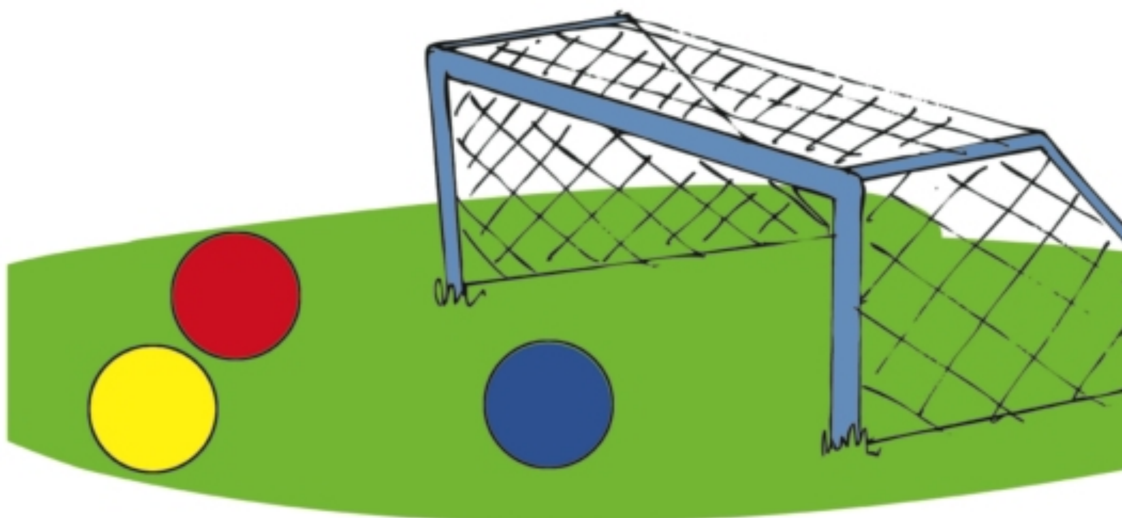
(1) Colour the tallest in each of the following:



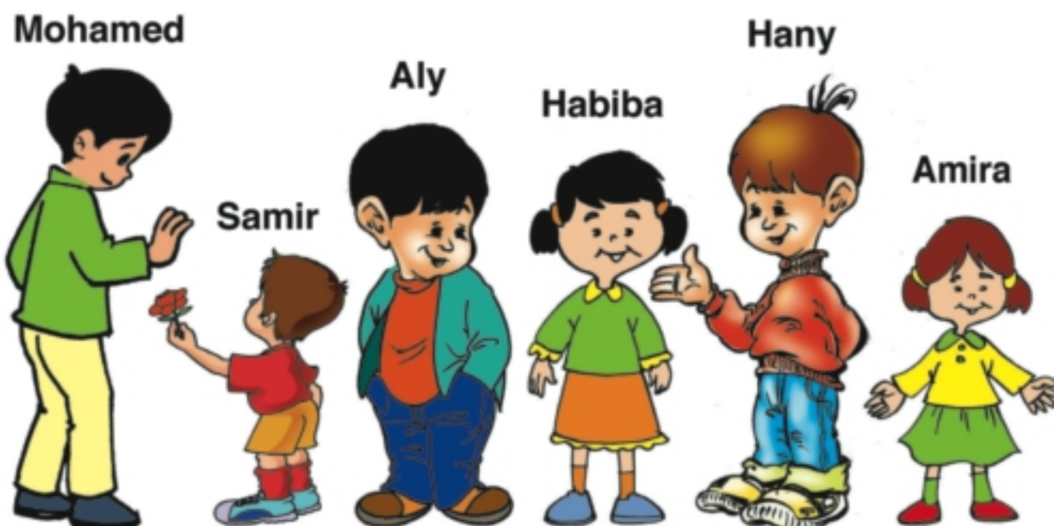




(2) What colour is the closest ball to the goal?

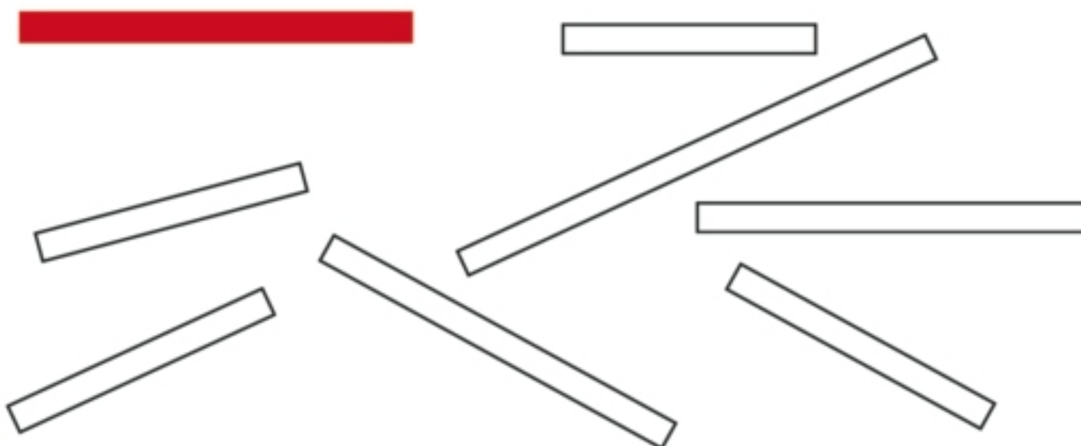


(3) Arrange the following children according to their height:

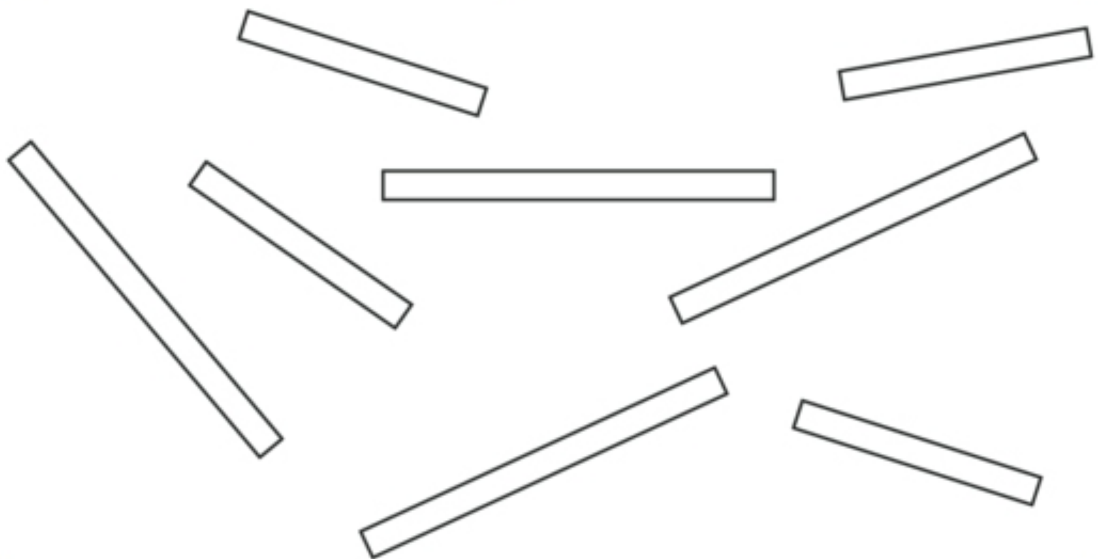


■ The tallest	■ ....
■	■ ....
■	■ The shortest ....

(4) Look at the stripes carefully and colour the ones that are the same length as the red stripe:



(5) Look at the stripes carefully and colour the stripes that are the same length with the same colour:



(6) Order from the shortest to the longest:

(a) ________________

(b) ________________________

(c) ______________

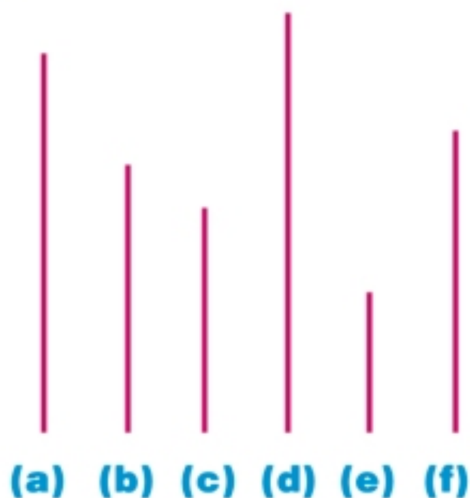
(d) _____________________

(e) ___________________________

(f) __________________

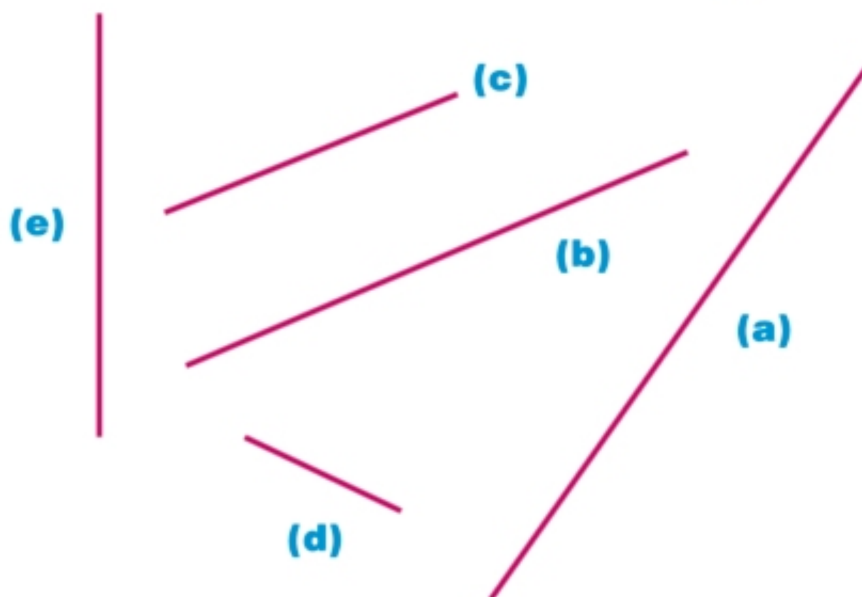
c	.....	.....	.....	.....	.....

(7) Order from the longest to the shortest:



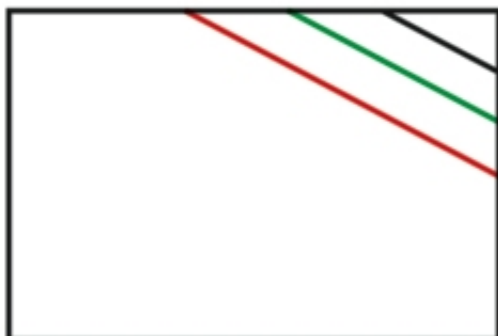
d	.....	.....	.....	.....	.....

(8) Order from the longest to the shortest:

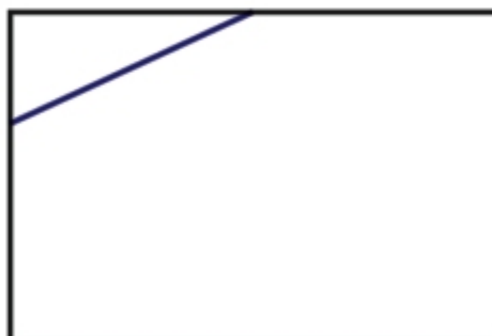


(9) Complete:

(a) The shortest line is ....
The longest line is ....



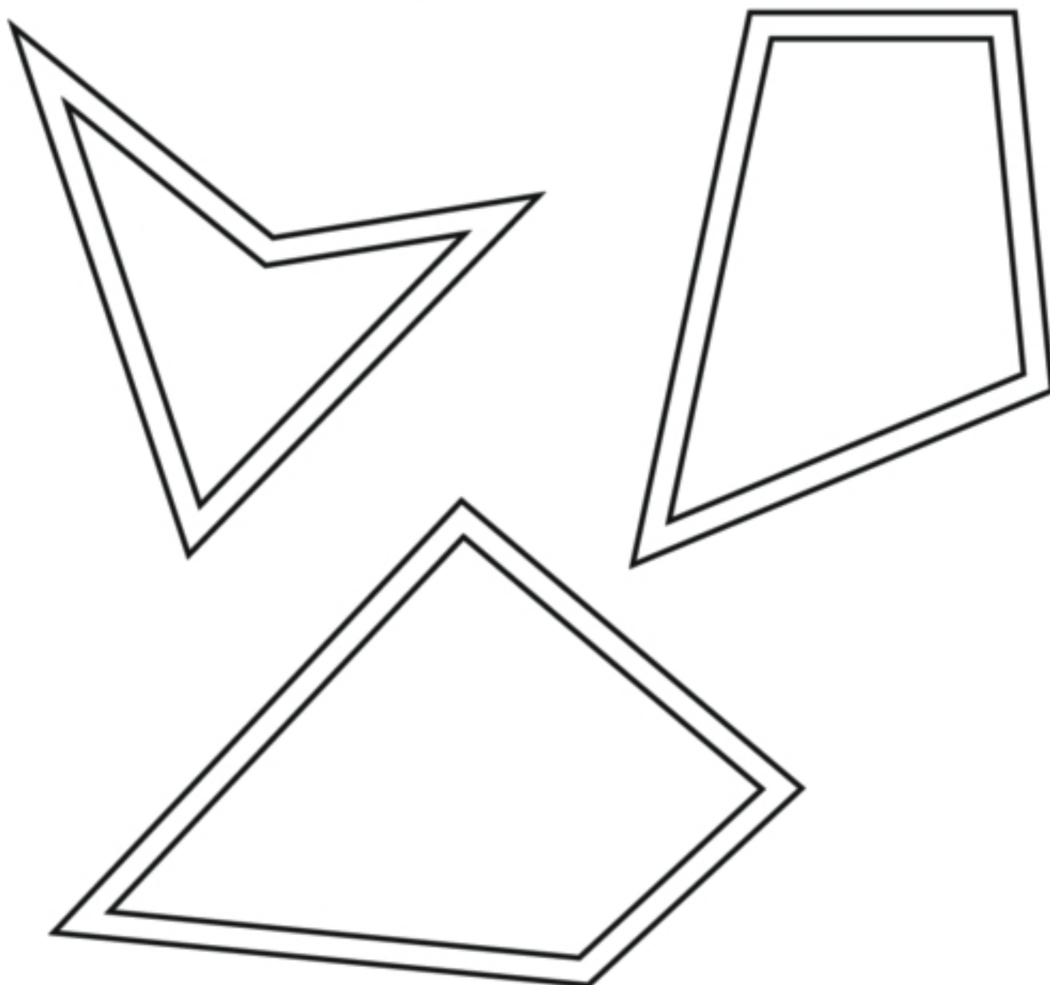
(b) Draw shorter line than the blue and another longer line than the blue line



(10) The opposite figure shows four rods of different lengths and colours:



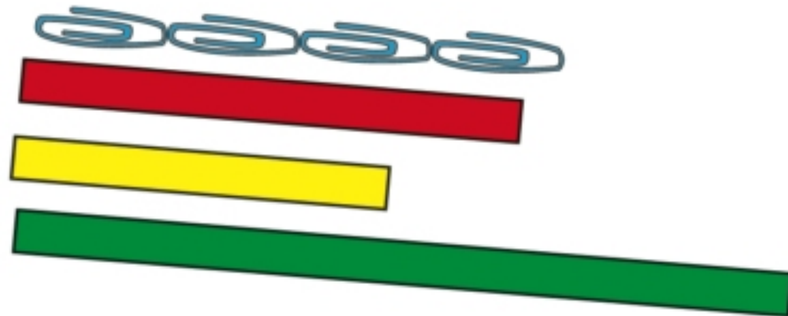
Each of the following shapes is formed from these four rods. Colour each rod in the same colour it has in the above figure:



Lesson 6

Measuring Length

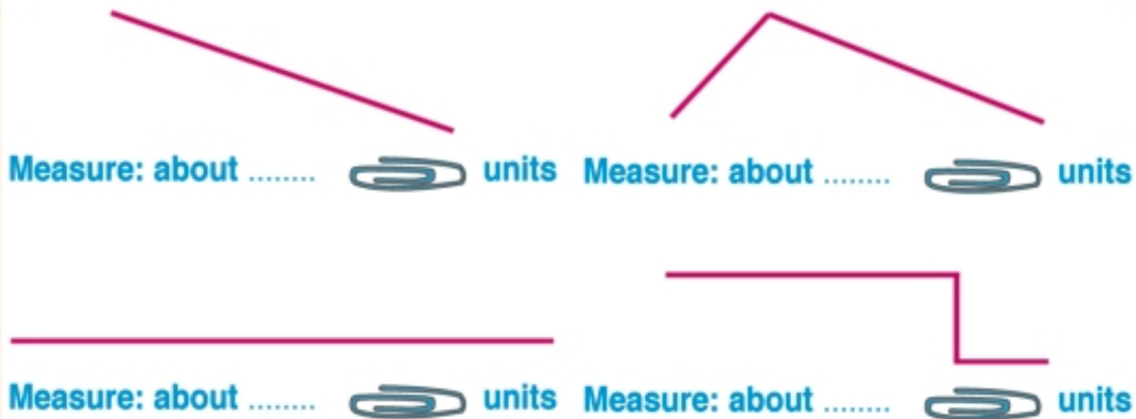
- **The length of each of the following three stripes can be estimated by using as a unit.**



Complete:

- The length of the red stripe measures between 3 units and 4 units.
- The length of the yellow stripe measures between .... units and .... units.
- The length of the green stripe measures between .... units and .... units.

(1) Measure each of the following lines by using as a unit:



Measure: about .... units

Measure: about .... units

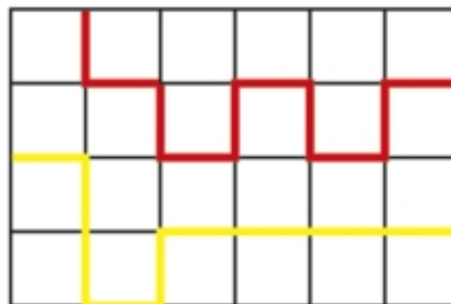
Measure: about .... units

Measure: about .... units

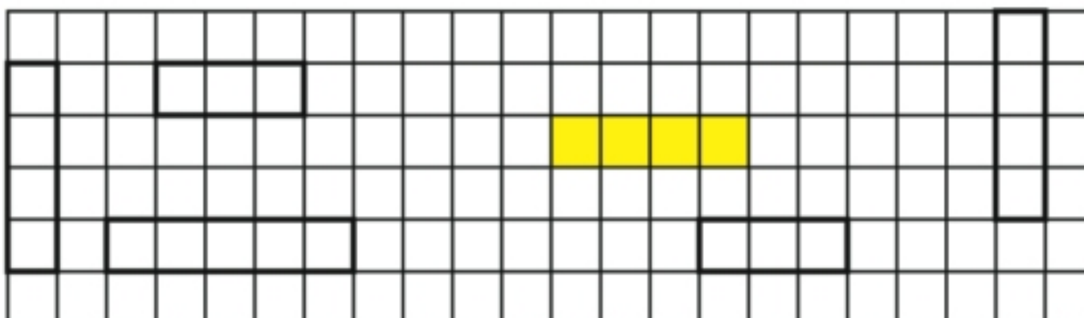
Teacher should use educational, eco solids to make teaching solids easier.

(2)

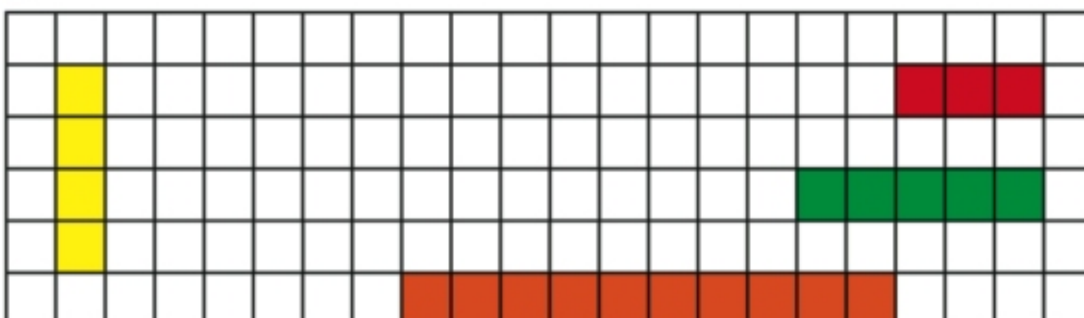
- **Which is longer, the red line or the yellow line?** ....
- **Why?** ....



(3) Colour every stripe longer than the yellow stripe in red and shorter than the yellow stripe in green:



(4) If the length of the red stripe is 3 units and the length of the green stripe is 5 units:



(a) Draw a stripe of 4 units long and colour it in blue.

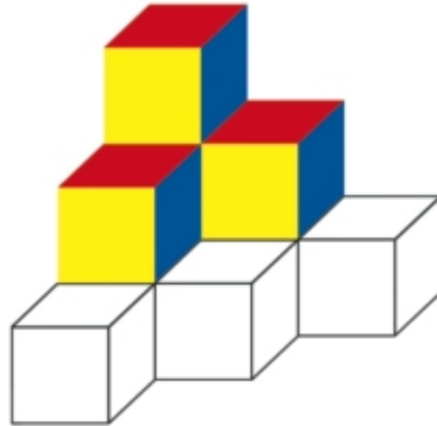
(b) Draw a stripe of 7 units long and colour it in black.

(c) **Complete:** The orange stripe is .... units long and the yellow stripe is .... units long.

Activities

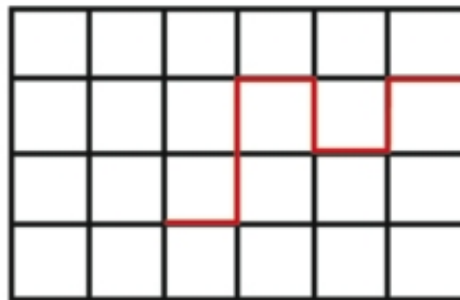
Unit 3

(1) Complete the colouring:



How many cubes in the figure?

(2) Draw a blue line longer than the red line .



Draw a yellow line shorter than the red line .

Exercises

Unit 3

(1) Match each solid with its name:



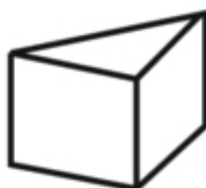
pyramid



ball



cone

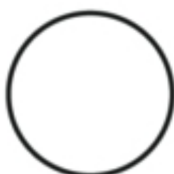


cylinder



prism

(2) Match each shape with its name:



square



circle



rectangle



triangle

(3)

(a) What day comes directly after Tuesday?

(b) What day comes directly before Sunday?

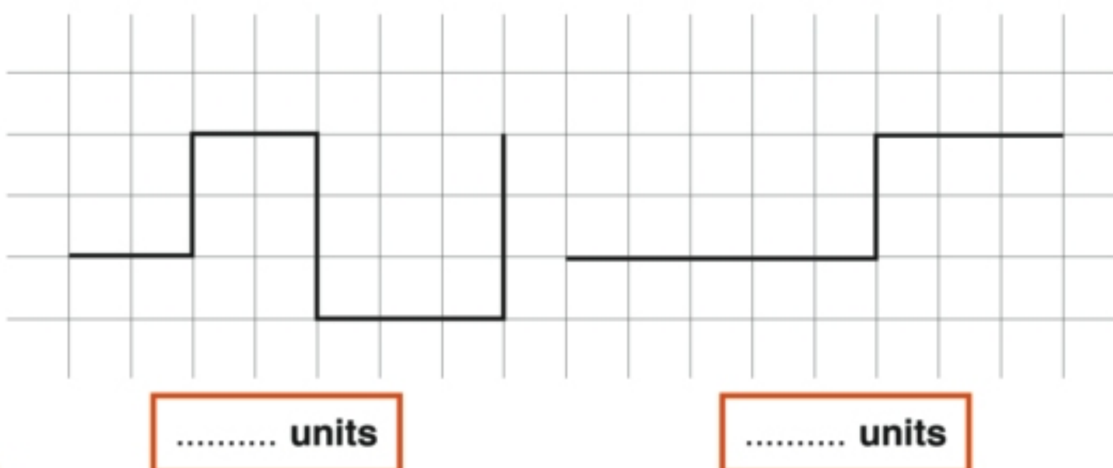
(c) If the 17th February is Saturday, what day of the week is 20th February in the same year? .... And what day of the week is 10th February in the same year?.......

(4)

Hisham has one fifty pound note and two one pound notes. Faheem has four ten pound notes and three five pound notes. Which is greater: The amount of money with Hisham or Faheem? ....

What is the difference between the two amounts?..........

(5) Consider the length of the small square a unit for measuring the length. Write the measure of each line under it:

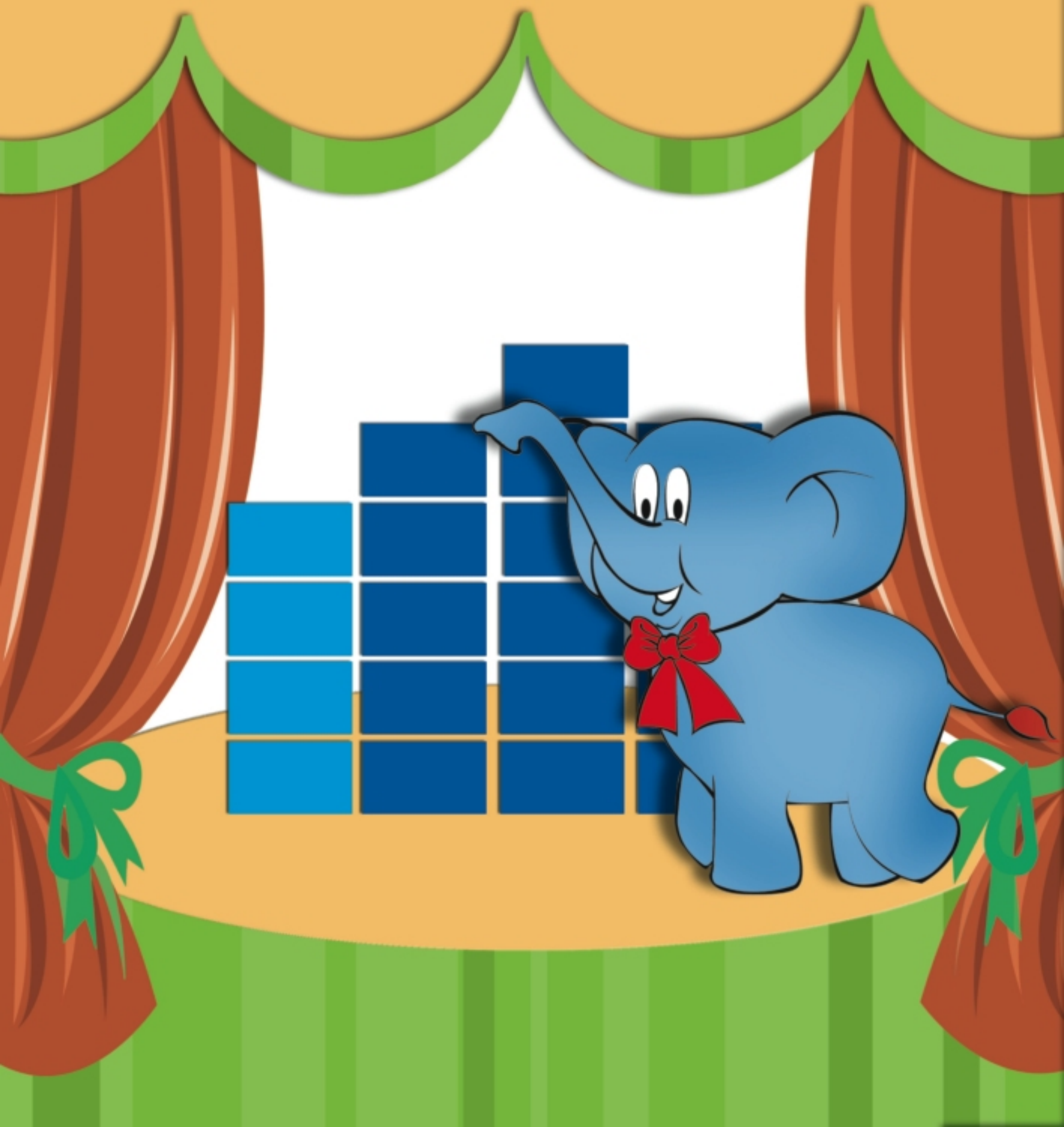


.... units

.... units

Unit 4

Statistics



Lesson 1

Statistics

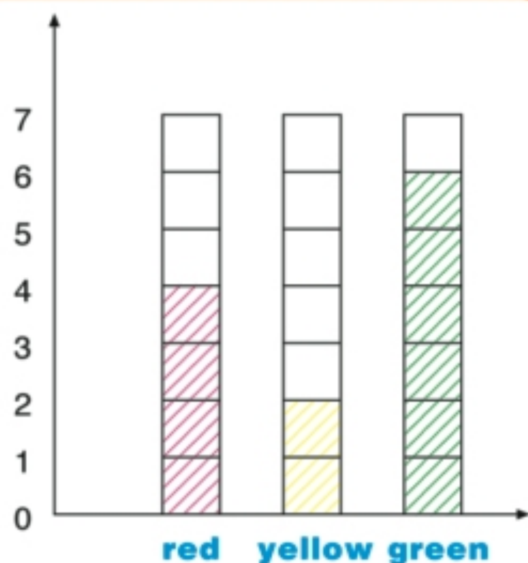
(1) What is the number of balloons according to their colours?



Colour	Number of balloons
red	....
blue	....
yellow	....

(2) Notice and complete the table:

Colour	Number
red	....
yellow	....
green	....

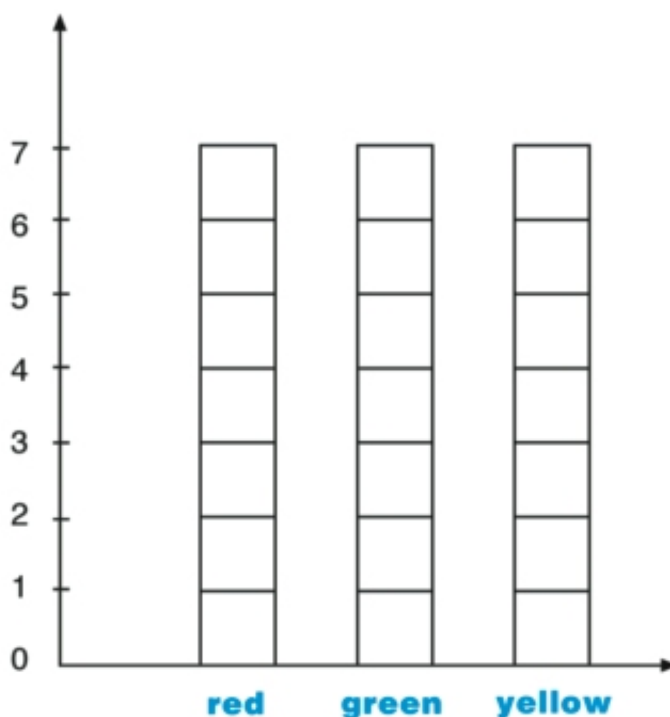


(3) Complete the table and colour according to the numbers:





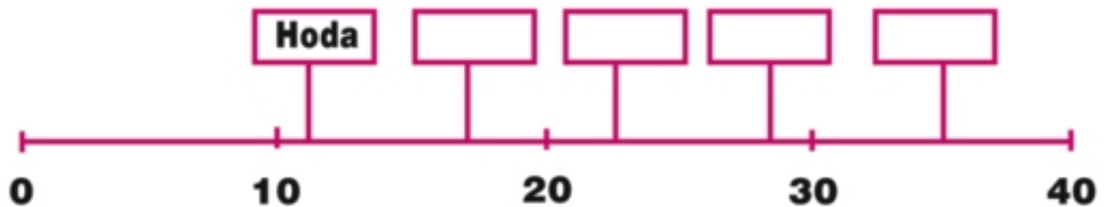
Colour of flowers	Number of flowers
yellow	....
red	....
green	....



(4) The following table shows the grades of five pupils on their mathematics test:

Name	Abeer	Kareem	Bassem	Hoda	Sherif
Grade	35	17	28	12	23

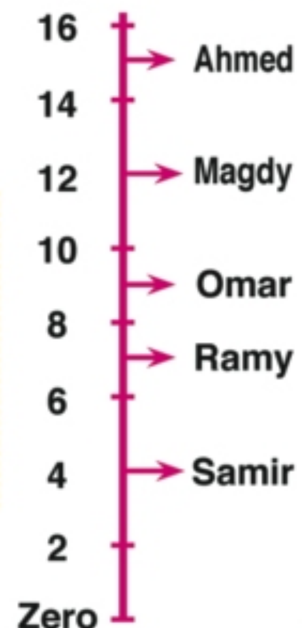
- **Complete writing the names inside the rectangles according to their grades:**



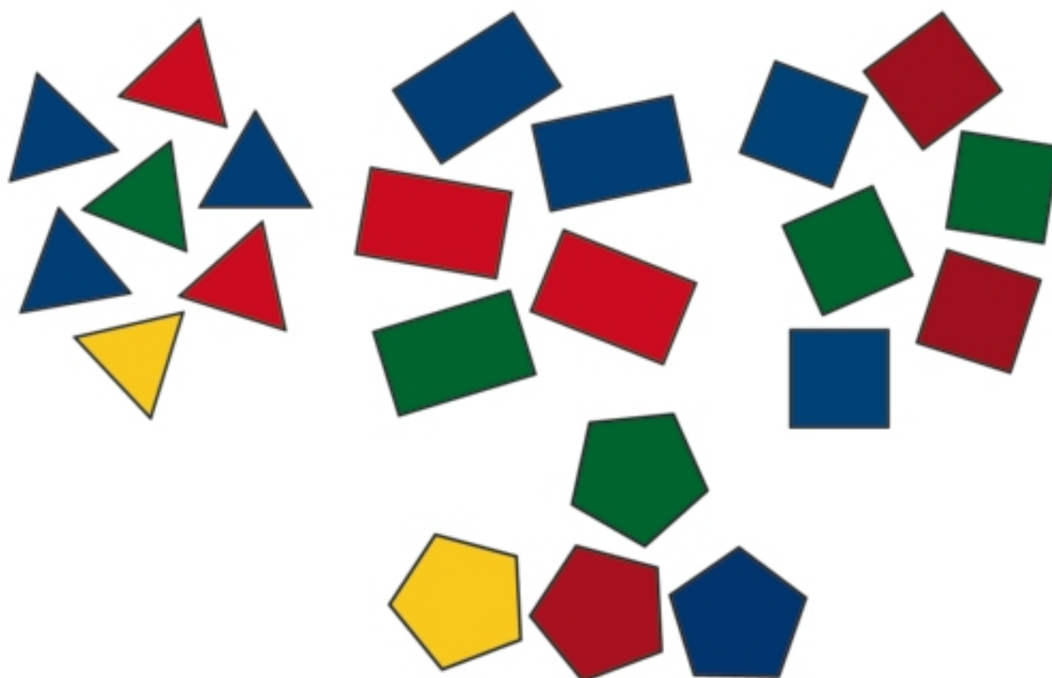
(5) Omar represented the grades that he and his four friends got on a number line as in the opposite figure:

- **Complete the following table with the help of the figure:**

Name	Omar	Ramy	Samir	Ahmed	Magdy
Grade					
Rank					



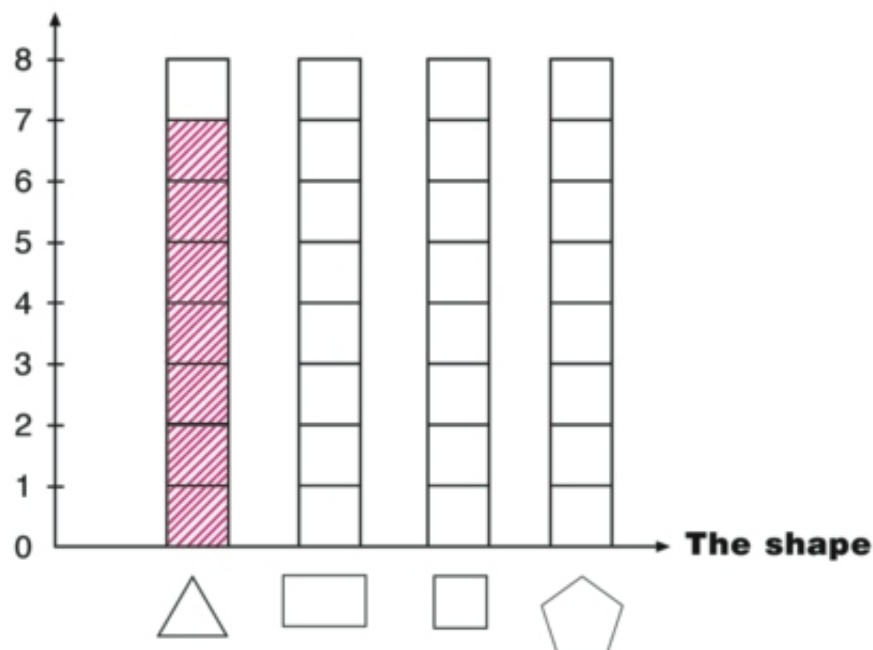
(6) The following figure shows different shapes of different colours. Look at it carefully and complete:



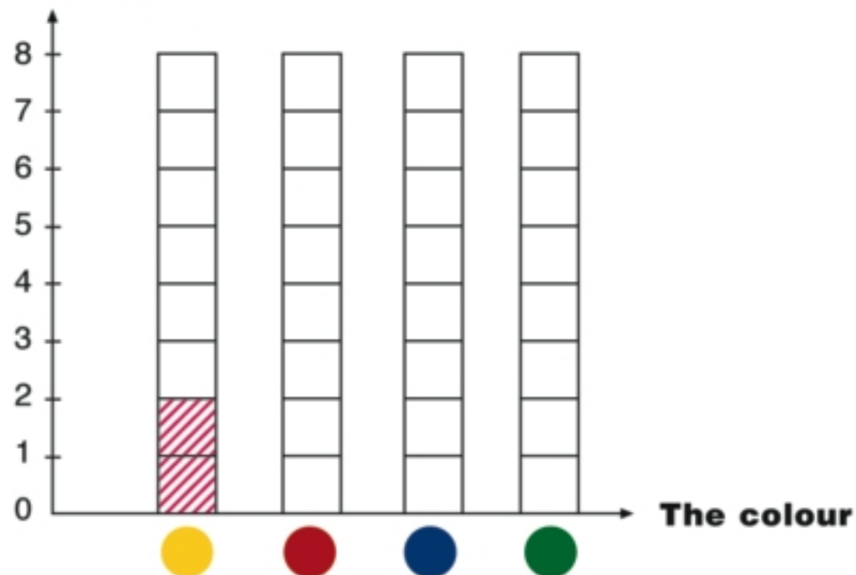
(a) Complete the rank according to the number of shapes:

Shape	Number	Rank
	5	....
	7	first
	6	....
	4	....

(b) Complete the shading according to the shape:



(c) Complete the shading according to the colour:



Exercises

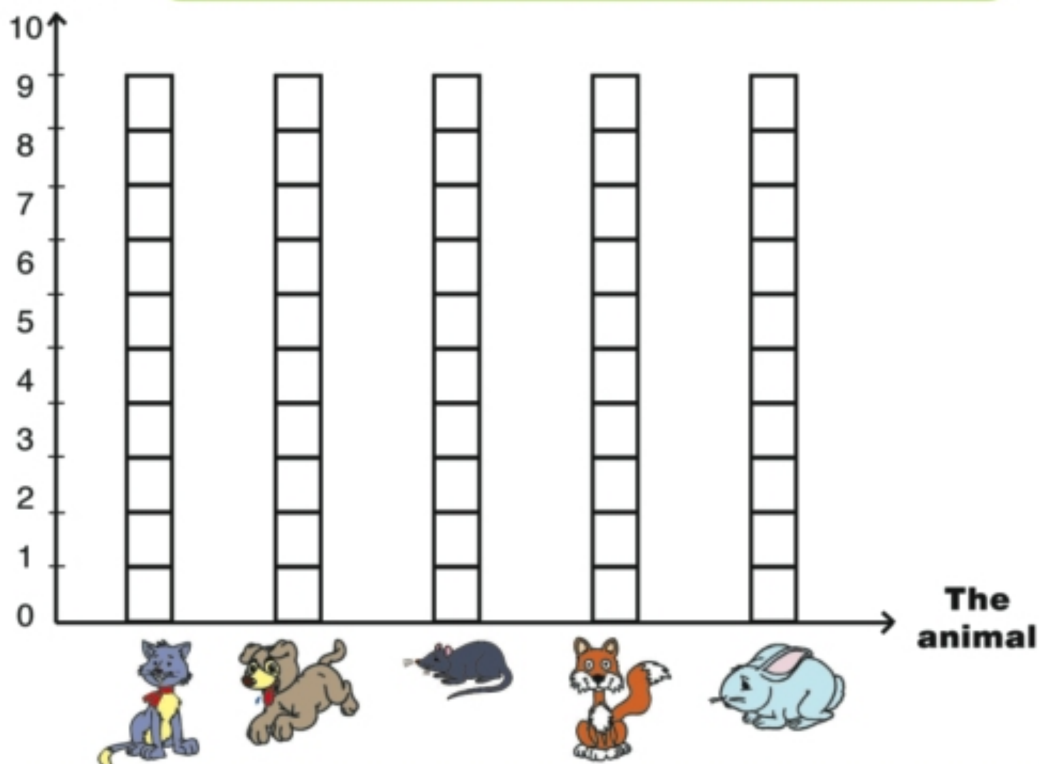
Unit 4



(1) Complete:

Animal					
Number					

(2) Represent the previous table graphically:



Final Revision

(1) Complete the following:

(1)	4 pounds , 7 ten-pounds note = ...
(2)	The number of the week's days = ...
(3)	8 units , one ten = ...
(4)	35 = 5 + ...
(5)	.... = 4 + 40
(6)	The number of colours of the flag of Egypt = ...
(7)	Fifty-five = ... + ... = ...
(8)	The greatest two-digit number = ...
(9)	The greatest number of two different digits = ...
(10)	The smallest two-digit number = ...
(11)	The smallest number of two different digits = ...
(12)	The number of the year's months = ...
(13)	30 > ....
(14)	50 < ....
(15)	The day which comes directly before Sunday is ....
(16)	The day which comes directly after Wednesday is ....
(17)	The number of pupils in your class is ....
(18)	The greatest number formed from two digits and its unit is zero is ....
(19)	The value of the digit 7 in the number 72 is ....
(20)	The value of the digit 7 in the number 27 is ....

(2) Complete in the same pattern:

(1) 10 , 20 , 30 , ... , ... , ...

(2) 42 , 44 , 46 , ... , ...

(3) 51 , 53 , 55 , ... , ...

(4) 78 , 76 , 74 , ... , ...

(5) 91 , 71 , 51 , ... , ...

(6) 15 , 25 , 15 , 25 , ... , ...

(7) Δ , ○ , Δ , ... , ...

(3) Complete by putting the missing number in the following:

(1)

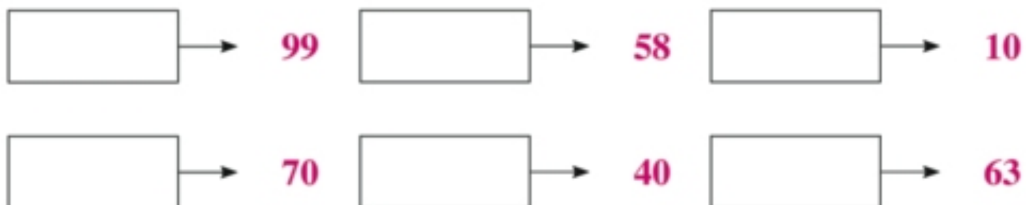


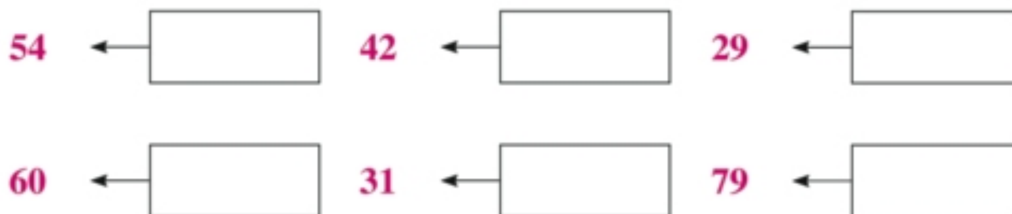
(2)



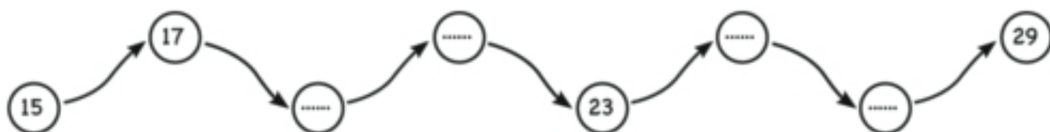


(3)

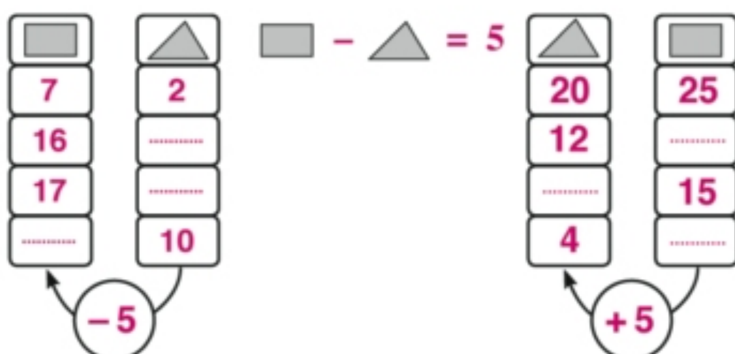


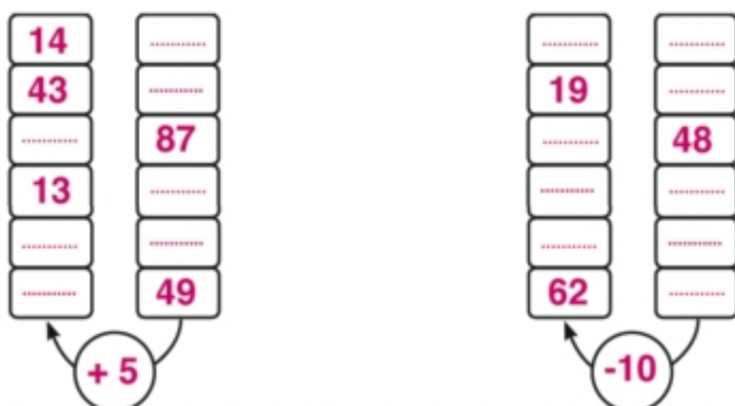


(4)



(4) Complete the tables by putting the suitable number given that:





(6) Complete by putting the suitable symbol from the following

(< or > or =) in the spaces:

67	....	76
75	....	86
75	....	70 + 5
14	....	4 + 10
79 – 53	....	12 + 12
48 – 30	....	49 + 30

10 + 50	....	60
71	....	50 + 20
90 – 20	....	80 – 10
95	....	90 + 5
90	....	40 + 50
4 tens	....	40

(7) Find the result of the following:

(1) $\begin{array}{r} 10 \\ +\ 20 \\ \hline \end{array}$ ....

(2) $\begin{array}{r} 34 \\ +\ 35 \\ \hline \end{array}$ ....

(3) $\begin{array}{r} 51 \\ +\ 47 \\ \hline \end{array}$ ....

(4) $\begin{array}{r} 46 \\ +\ 22 \\ \hline \end{array}$ ....

(5) $\begin{array}{r} 87 \\ +\ 11 \\ \hline \end{array}$ ....

(6) $\begin{array}{r} 43 \\ +\ 45 \\ \hline \end{array}$ ....

(7) $\begin{array}{r} 64 \\ +\ 24 \\ \hline \end{array}$ ....

(8) $\begin{array}{r} 86 \\ -\ 53 \\ \hline \end{array}$ ....

(9) $\begin{array}{r} 84 \\ -\ 51 \\ \hline \end{array}$ ....

(10) $\begin{array}{r} 92 \\ -\ 51 \\ \hline \end{array}$ ....

(11) 40 + 20 = ...

(12) 35 + 53 = ...

(13) 26 – 11 = ...

(14) 55 + 13 = ...

(15) 66 – 33 = ...

(16) 48 – 12 = ...

(8) Complete:

(1) $\begin{array}{r} \square\square \\ +\ 43 \\ \hline 69 \end{array}$

(2) $\begin{array}{r} 45 \\ +\ 10 \\ \hline \square\square \end{array}$

(3) $\begin{array}{r} 73 \\ +\ 12 \\ \hline \square\square \end{array}$

(4) $\begin{array}{r} 46 \\ +\ 22 \\ \hline \square\square \end{array}$

(5) $\begin{array}{r} 48 \\ +\ 21 \\ \hline \square\square \end{array}$

(9) Underline the two numbers whose sum is 10:

a	3 , 5 , 4 , 7 , 1
b	6 , 3 , 8 , 8 , 4
c	7 , 5 , 6 , 8 , 5
d	1 , 7 , 9 , 4 , 8
e	1 , 5 , 4 , 7 , 9
f	2 , 3 , 4 , 5 , 6

(10) Arrange the following numbers in descending order:

[a] 38 , 45 , 25 , 17 , 61

The order is .... , ... , ... , ... , ...

[b] 42 , 56 , 24 , 81 , 90

The order is .... , ... , ... , ... , ...

[c] 47 , 55 , 24 , 13 , 64

The order is .... , ... , ... , ... , ...

(11) Arrange the following numbers in ascending order:

[a] 42 , 27 , 34 , 38 , 64

The order is .... , ... , ... , ... , ...

[b] 53 , 51 , 49 , 48 , 60

The order is .... , ... , ... , ... , ...

[c] 54 , 12 , 27 , 36 , 49 , 53

The order is .... , ... , ... , ... , ...

Then answer:

The first number is ....

The fourth number is ....

The sixth number is ....

(12) Ring the greatest number:

[a] 3 , 7 , 4 , 6

[b] 5 , 2 , 9 , 4

(13) Ring the smallest number:

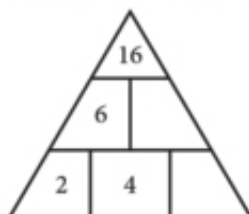
[a] 43 , 75 , 94 , 86

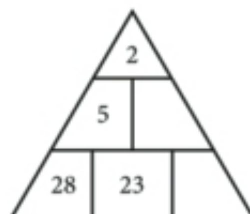
[b] 55 , 52 , 93 , 44

(14) Choose the correct answer from those between brackets:

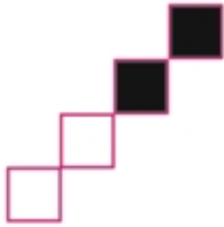
(1)	19 – .... = 16	(3 , 4 , 1)
(2)	42 is greater than	(49 , 41 , 50)
(3)	9 tens = ...	(90 , 15 , 43)
(4)	51 , 53 , 55 , ...	(56 , 57 , 58)
(5)	16 + 11 = ...	(27 , 71 , 7)
(6)	79 – 55 = ...	(24 , 14 , 34)
(7)	5 units = ...	(50 , 15 , 5)
(8)	seven tens = ...	(7 , 70 , 17)
(9)	83 – 42 = ...	(41 , 40 , 42)
(10)	Two successive numbers their sum = 59	(29 + 30 , 29 + 28 , 28 + 27)
(11)	68 – 45 = ...	(23 , 24 , 25)
(12)	79 97	(< , > , =)
(13)	The symbol of the number nineteen is	(91 , 12 , 19)
(14)	16 + 11 = 11 + ...	(17 , 16 , 12)
(15)	half .... quarter	(< , > , =)

(15) Notice and think:





(16) Complete th fraction which represents the coloured part:

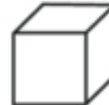
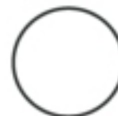






....

(17) Join from the group (A) to the suitable from the group (B):

The group (A)	*The group (B)*
Square	
Cube	
Triangle	
Cuboid	
Cylinder	
Rectangle	
Circle	

(18) Read , think then answer who am I?

(1)	I am a number between 20 and 30 , my unit digit is 7.
(2)	I am the greatest two digits number, the sum of my digits is 10.
(3)	I am the smallest two digits number , the difference between them is 3.
(4)	I am a number , formed from two equal digits .
(5)	I am a number formed from two different digits.
(6)	I am a smallest two digits number , they are equal.
(7)	I am a smallest number formed from two different digits.
(8)	I am a number formed from two digits , their sum is greatest sum.
(9)	I am a number of two digits, the difference between them is the smallest.

(19) Tick (✓) for the correct statement and (✕) for the incorrect one:

(1)	$53 + 55 = 55 + 53$	( )
(2)	$49 > 50$	( )
(3)	7 tens = 70	( )
(4)	9 units , 5 tens = 95	( )
(5)	8 tens = 8	( )
(6)	9 tens , 5 units = 95	( )
(7)	The number of the week's days = 6 days.	( )
(8)	13 pounds is read thirty-one pounds.	( )
(9)	one pounds = 10 tens.	( )
(10)	50 is greater than the - two numbers 47 , 45	( )
(11)	$79 > 80$	( )
(12)	96 = 6 + 90	( )
(13)	9 units , two tens = 29	( )

(14)	The number of colours of rainbow = 7 colours.	( )
(15)	23 > 32	( )
(16)	70 – 7 > 70 – 9	( )
(17)	Sunday is the next day to Saturday just.	( )
(18)	Thursday is the next day to Friday directly.	( )
(19)	Wednesday is the day before Thursday directly.	( )
(20)	The number of week's days is 7 days.	( )
(21)	I go to school 7 days every week.	( )

(20) Circle the figure which its half is coloured








(21) Calculate:

(1) Omar bought a painting case of price 35 pounds and a notebook for painting of price 14 pounds. How much did Omar pay?

Omar paid = ... + ... = ... pounds.

(2) Ahmed has 63 pounds, he bought pens for 23 pounds , what is the remainder money with him?

The remainder = ... – .... = ... pounds.

(**3**) A box contains 68 balloons , 24 balloons flew. How many balloons are remained?

The number of the remainder balloons =

.... – .... = ... balloons

(**4**) Your father gave you 37 pounds , you spent 22 pounds from it , what is the remainder with you?

The remainder = ... – .... = ... pounds

(**5**) Your father gave you 75 pounds , your uncle gave you 20 pounds. How much money did you have?

What you have = ... + ... = ... pounds

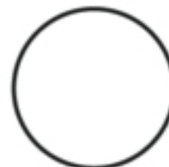
(**6**) Samy has 34 balloons and Samira has 45 balloons. How many balloons did they have?

The number of balloons = ... + ... = ... balloons

(22) Put the sign (✓) under the symmetric figure:







( ) ( ) ( )

(23) Colour the half of each shape.





Model test

Model 1

(1) Join each solid to its name:







prism

sphere

cone

cuboid

cube

cylinder

pyramid









(2) Write the days of the week in the correct order starting with Saturday. Mention the fifth day according to this sequence:

Days of the week: Saturday, ... , ... , ... , ... , ... , ...

The fifth day is: ....

(3) Arrange the following numbers descendingly:

18 , 20, 0 , 25, 10

The numbers in descending order are: .... , ... , ... , ... , ...

(4) Find the result:

(a)
$$\begin{array}{r} 45 \\ +\ 53 \\ \hline \dots\dots \end{array}$$

(b)
$$\begin{array}{r} 76 \\ -\ 34 \\ \hline \dots\dots \end{array}$$

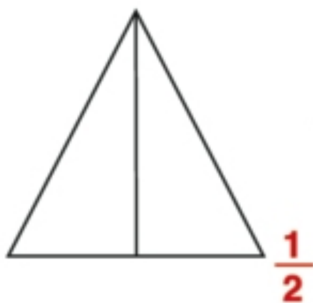
(c) 56 + 22 = ...

(d) 87 – 20 = ...

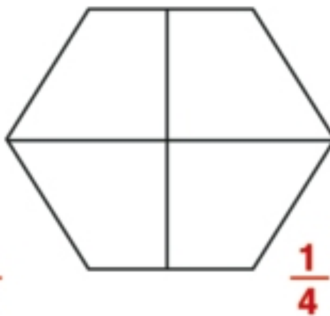
(5) Farouk bought a toy for 14 pounds and another toy for 15 pounds. What is the total sum he paid?

....

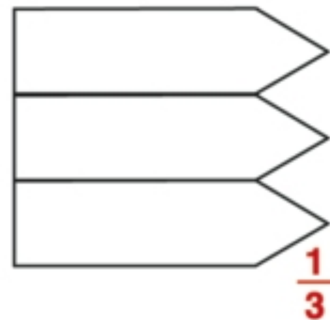
(6) Colour according to the fraction:



$\frac{1}{2}$



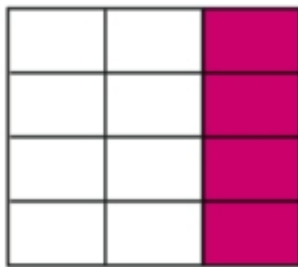
$\frac{1}{4}$

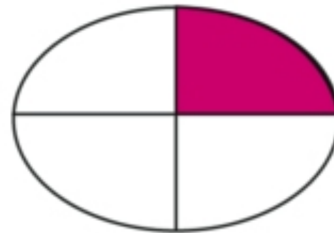


$\frac{1}{3}$

(7) Write the fraction which represent the coloured part :



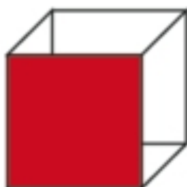




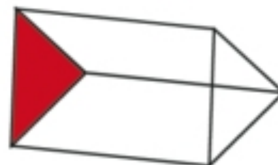
....

Model 2

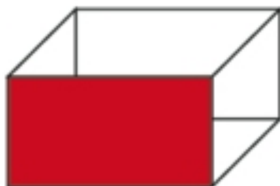
(1) Write the name of each of the shaded shapes:



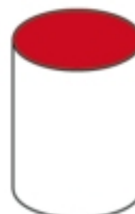
....



....



....



....

(2) Order from the shortest to the longest:

(a) ______________________

(b) ____________________________

(c) ___________

(d) ________________

(e) _______________________________

(f) __________________________________

.....	.....	.....	.....	.....	.....

(3) Arrange the following numbers ascendingly:

10 , 90 , 85 , 76 , 84

The numbers in ascending order are: .... ,

.... , ... , ... , ...

(4) Put one of the signs (< , = , or >):

(a) 36 + 43 ☐ 90

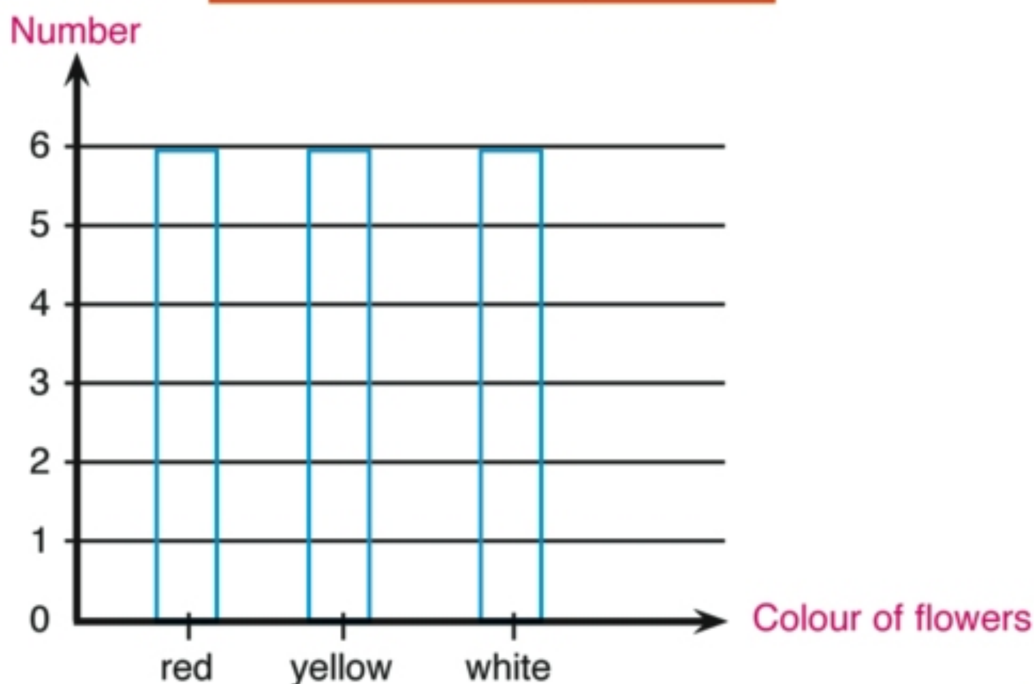
(b) 97 – 55 ☐ 41

(c) 75 + 21 ☐ 90

(d) 62 – 21 ☐ 41

(5) Shade according to the number:

Colour of flowers	Number
red	5
yellow	4
white	1



(6) Nevine bought some vegetables for 18 pounds. If the shop owner gave her a discount of 3 pounds, how much did she pay?

....

She paid = ... – .... = ... pounds

Model 3

(1) Tick (✓) under the solid in which you see the given shape:

Shape	Solids
rectangle	
triangle	
square	
circle	

(2) Write the days of the week in the correct order starting with Wednesday. Mention the third day according to this sequence.

Days of the week: Wednesday: .... , ... ,

.... , ... , ... , ...

The third day is: ....

(3) Arrange the following set of numbers descendingly and ascendingly:

5 , 19, 15, 30, 25

Descending order of numbers: .... , ... , ... , ... , ...

Ascending order of numbers: .... , ... , ... , ... , ...

(4) If you know that 46 + 33 = 79
Complete:

(a) 33 + 46 = ... (b) 79 – 46 = ...

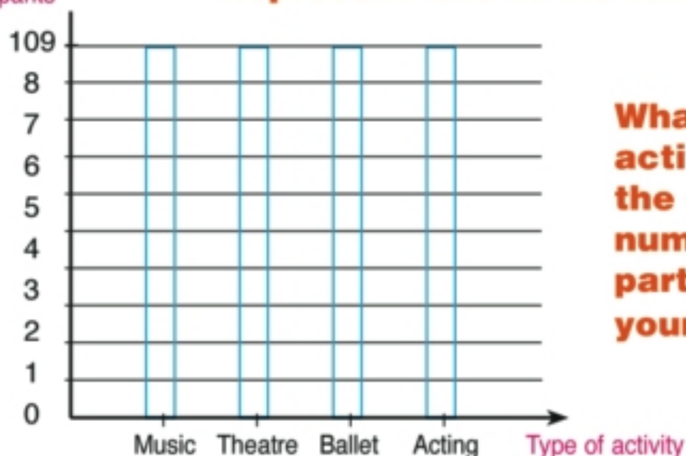
(c) 79 – 33 = ... (d) 46 + 33 + 10 = ...

(e) 46 + 33 – 10 = ...

(5) The following table shows the number of pupils from your class participating in these activities:

Type of activity	Music	Theatre	Ballet	Acting
Number of participating pupils	6	7	5	8

Represent this in the following graph:



What is the activity which has the greatest number of participants from your class? ....

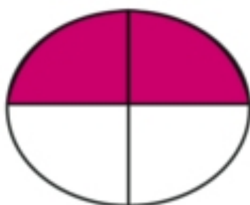
(6) Mary bought different kinds of cheese for 37 pounds. If she had 59 pounds, what is the remainder that she gets?

The remainder = ... − .... = ... pounds

(7) Write the fraction which represent the coloured part :

.... 

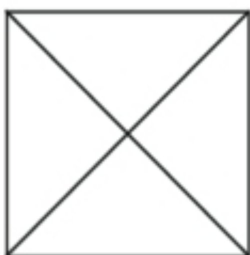
.... 

.... 

.... 

Model 4

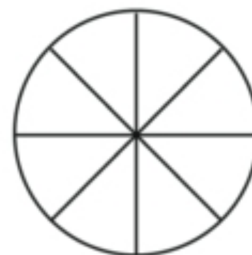
(1) colour according to the shown fraction :



$\frac{1}{2}$



$\frac{1}{3}$



$\frac{1}{4}$

(2) Arrange the following numbers ascendingly:

15 , 0 , 10 , 17 , 34

The numbers in ascending order are:

.... , ... , ... , ... , ...

(3) Find the result:

(a)
$$\begin{array}{r} 52 \\ +\ 40 \\ \hline \ldots\ldots \end{array}$$

(b)
$$\begin{array}{r} 56 \\ -\ 53 \\ \hline \ldots\ldots \end{array}$$

(c) 79 + 10 = ...

(d) 25 – 15 = ...

(4) The school canteen sold the following sandwiches in one day:

Type of sandwich	Beans	Falafel	White cheese	Eggs	Halawa
Number of sold sandwiches	75	91	62	46	55

Order the types of sandwiches descendingly according to the demand:

.... , ... , ... , ... , ...

With what do you advise the canteen administration according to this data?

Increasing the .... sandwiches

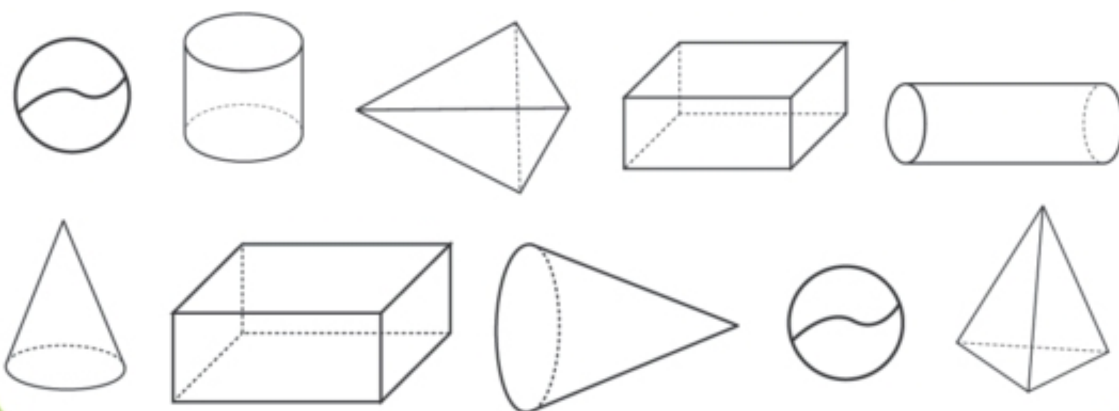
Decreasing the .... sandwiches

(5) Ismail bought vegetables for 13 pounds and fruit for 15 pounds. How much did he pay?

he paid = ... + ... = ... pounds

Model 5

(1) Colour the similar solids with the same colour:



(2) Complete:

Yesterday	Tuesday	....	....	....	....
Today	....	Thursday	....	Saturday	....
Tomorrow	....	....	Saturday	....	Monday

(3) Arrange the following set of numbers descendingly:

65, 50, 75, 90, 80

The numbers in descending order are:

.... , ... , ... , ... , ...

(4) Write one of the signs (< , = , or >) or write the missing number:

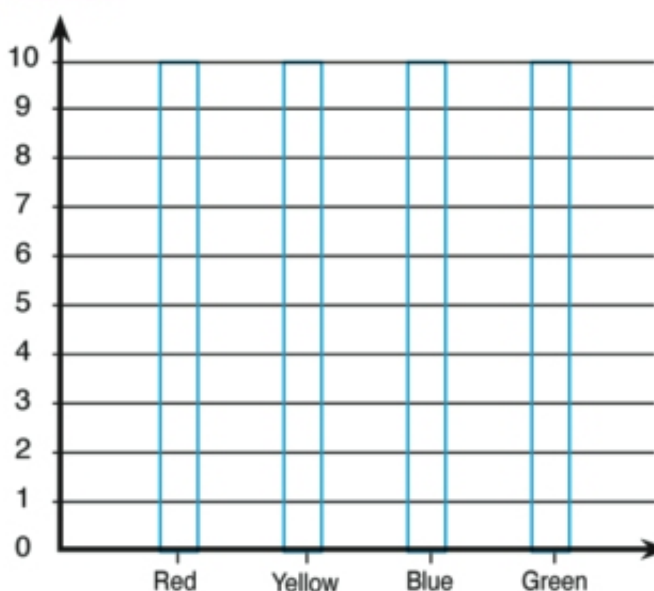
(a) 81 – 61 ☐ 20 (b) 35 + 46 ☐ 90

(c) 26 + 63 ☐ 90 (d) 52 – ..... < 20

(5) Complete the following table and represent it graphically:

Colour of the ballon	Red	Yellow	Blue	Green
Number	....	....	....	....

Number



Colour of balloon



(6) Shereen bought some clothes for 97 pounds. If the shop which she bought the clothes it gave a discount of 12 pounds, what is the total sum Shereen paid after the discount?

What Shereen paid = ... – .... = ... pounds

Model 6

(1) Complete the following:

[a] 37 = 7 + ...

[b] The day that comes directly before Wednesday is ....

[c] 4 tens, 9 units = ...

[d] 97 = 95 + ...

(2) Choose the correct answer between the brackets:

(1) 64 + 13 = ... (77 *or* 88 *or* 67)

(2) The smallest 2-digit number is .... (11 *or* 10 *or* 12)

(3) The figure ☐ is called .... (square *or* circle *or* rectangle)

(4) 4 units, 6 tens = ... (64 *or* 46 *or* 60)

(3) Find the result of the following:

(1) 56 + 42 = ...

(2) 37 – 26 = ...

(3) 42 + ... = 96

(4) 36 + 12 = ...

(4) First: Complete the pattern:

[a] 66 , 55 , 44 , ... , ...

[b] 42 , 52 , 62 , ... , ...

Second:

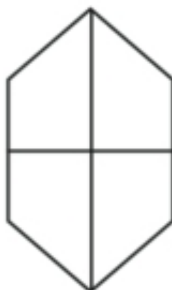
If the number of pupils in your class is 46 pupils and the number of pupils in your brother's class is 48 pupils. Which is greater and what is the difference between them?

The greater is ....

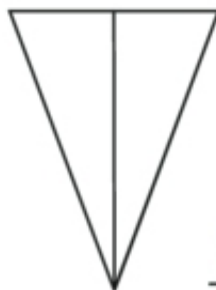
The difference between the number of pupils in the two classes

= .... – .... = ... pupils.

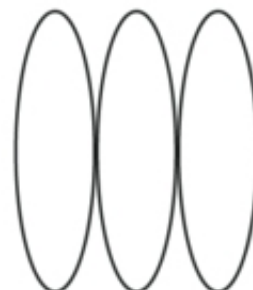
(5) (a) Colour according to the shown fraction :



$\frac{1}{4}$



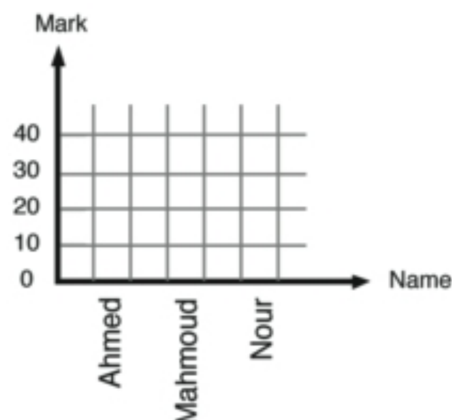
$\frac{1}{2}$



$\frac{1}{3}$

(b) Represent the following table graphically:

Name	Ahmed	Mahmoud	Nour
Mark	20	30	10



Model 7

(1) Complete the following:

[a] 46 = 6 + ...

[b] The day that comes directly after Friday is ....

[c] 9 tens, 5 units = ...

[d] 92 = 99 – ....

(2) Choose the correct answer between the brackets:

(1) 54 + 43 = ... (77 *or* 97 *or* 67)

(2) The greatest 2-digit number is .... (11 *or* 99 *or* 98)

(3) The figure ▭ is called .... (square *or* cube *or* rectangle)

(4) 4 units, 3 tens = ... (34 *or* 43 *or* 30)

(3) (a) Find the result of the following:

(1) 86 + 13 = ...

(2) 87 – 26 = ...

(3) 83 + ... = 96

(4) 86 + 10 = ...

(b) Ring the greatest number:

3 , 7 , 4 , 6

(4) First: Complete the pattern:

[a] .... , 54 , 57 , 60 , ...

[b] 85 , 86 , 87 , ... , ...

Second:

In the General League, if the points of Al-Ahli team is 26 and the points of El-Zamalek team is 30 points. Which is greater and what is the difference between them?

The greater in the number of points is ……………

The difference between the points

= …………… – …………… = …………… points.

(5) (a) Arrange the following numbers ascendingly: 23 , 72 , 76 and 93

The ascending order: ……….. , ……….. , ……….. and ………..

(b) Complete: The value of the digit 7 in 78 is ....

(c) Complete in the same pattern: 46 , 47 , **48** , ... , ---

Model 8

(1) Complete the following:

[a] 95 = 90 + ……………

[b] The day that comes directly before Monday is ……………

[c] 3 tens, 6 units = ……………

[d] 12 = …………… + ……………

(2) Choose the correct answer between the brackets:

(1) Two consecutive numbers and their sum 59 are ……………

(29 , 30 *or* 19 , 30 *or* 9 , 40)

(2) 42 is greater than …………… (49 *or* 41 *or* 50)

(3) 9 tens = …………… (90 *or* 15 *or* 43)

(4) 4 units, 8 tens = …………… (84 *or* 48 *or* 80)

(3) (a) Find the result of the following:

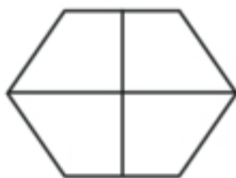
(1) 36 + 22 = ……………

(2) 87 – 23 = ……………

(3) 72 + …………… = 86

(4) 56 + 32 = ……………

(b) Colour $\frac{1}{3}$ of each figure :







(4) First: Complete the pattern:

[a] 21 , 42 , 63 , ……………

[b] 43 , 54 , 65 , …………… , ……………

Second:

In the General League, if the points of Al-Ahli team is 26 and the points of El-Zamalek team is 30 points. Which is greater and what is the difference between them?

The greater in the number of points is ....

The difference between the points

= .... – .... = ... points.

(5) (a) **Arrange the following numbers ascendingly: 23 , 72 , 76 and 93**

The ascending order: .... , ... , ... and ....

(b) **Complete:** The value of the digit 7 in 78 is ....

(c) **Complete in the same pattern:** 46 , 47 , ... , ...

Model 9

(1) **Complete the following:**

[a] 95 = 90 + ...

[b] The day that comes directly before Monday is ....

[c] 3 tens, 6 units = ...

[d] 12 = ... + ...

(2) Choose the correct answer between the brackets:

(1) Two consecutive numbers and thei sum 59 are ....

(29 , 30 *or* 17 , 30 *or* 7 , 40)

(2) 41 is smaller than .... (29 *or* 42 *or* 40)

(3) 9 tens = ... (90 *or* 15 *or* 43)

(4) 4 units, 8 tens = ... (84 *or* 48 *or* 80)

(3) (a) Find the result of the following:

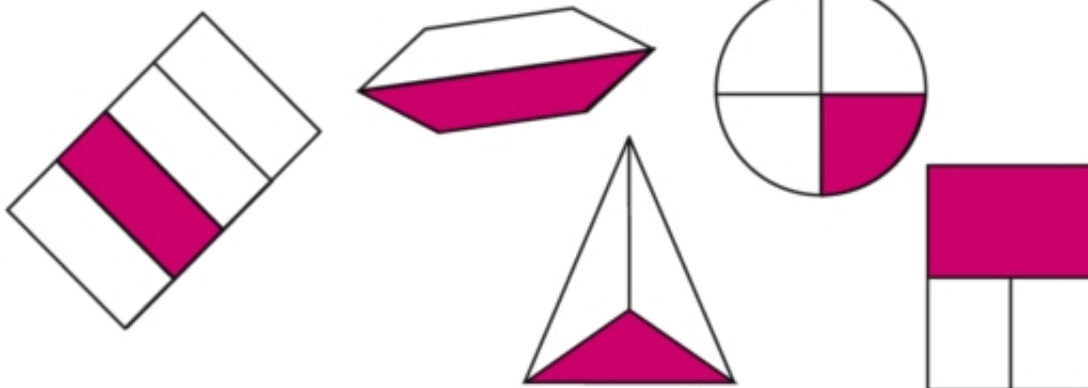
(1) 46 + 51 = ...

(2) 93 – 52 = ...

(3) 42 + ... = 76

(4) 36 + 22 = ...

(b) Circle the figure which its quarter is coloured:

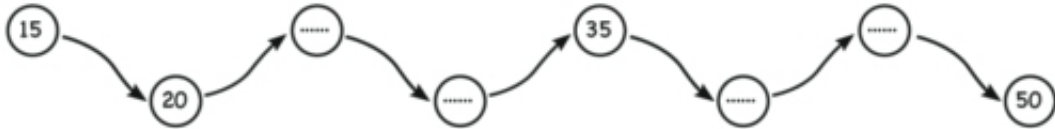


(4) First: Complete the pattern:

[a] 21 , 42 , 63 , ...

[b] 43 , 54 , 65 , ... , ...

[c]



Second:

In one day, if the number of visitors of a book fair from the boys is 44 and the number of visitors from the girls equals 32.

What is the number of visitors in that day?

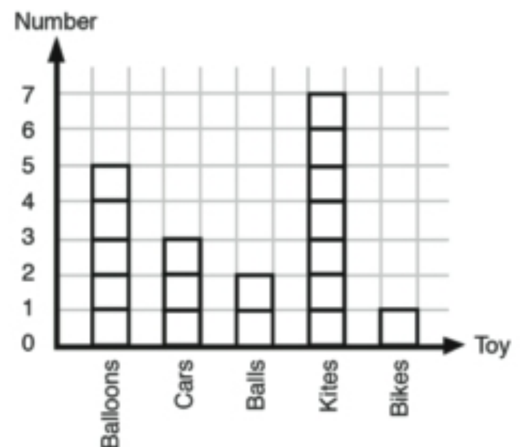
The number of visitors = ... + ... = ... pupils.

(5) (a) Match from the set (A) to the suitable from the set (B)

Set (A)	Set (B)
Square	
Cube	
Cuboid	

(b) Complete the following table using the opposite graph:

Toy	number
Balloons	....
Cars	....
Balls	....
Kites	....
Bikes	....



Model 10

(1) Complete the following:

[a] .... = 6 units + 4 tens

[b] The day that comes directly before Sunday is ....

[c] 2 tens, 4 units = ...

[d] 47 = 45 + ...

(2) Choose the correct answer between the brackets:

(1) 44 + 23 = ... (57 *or* 67 *or* 77)

(2) The greatest number formed from two different digits is ....

(99 *or* 90 *or* 98)

(3) The figure ◯ is called ....

(square *or* circle *or* rectangle)

(4) 4 units, 7 tens = ... (74 *or* 47 *or* 70)

(3) (a) Find the result of the following:

(1) 35 + 50 = ...

(2) 48 – 22 = ...

(3) 47 + ... = 58

(4) 77 + 20 = ...

(b) Match from the set (A) to the suitable from the set (B):

Set (A)	*Set (B)*
Square	
Cube	
Triangle	
Cuboid	

(4) First: Complete the pattern:

[a] 90 , 80 , 70 , …………… , ……………

[b] 88 , 77 , 66 , …………… , ……………

Second:

In a school, if the number of classes of 5th grade is 46 classes and the number of classes of 3rd grade is 24 classes.

Which is greater and what is the difference between them?

The greater is ……………

The difference between the number of classes

= …………… – …………… = …………… classes.

(5) (a) Arrange from the smallest capacity to the greatest capacity:

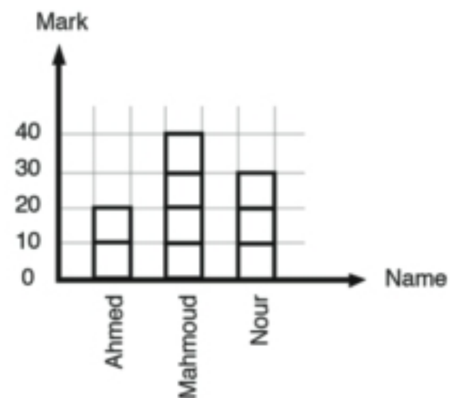






(b) Complete the following table:

Name	Ahmed	Mahmoud	Nour
Mark	....	....	....



Model 11

(1) Complete the following:

[a] 46 = 42 + ...

[b] The day that comes directly after thursday is ....

[c] 7 tens, 4 units = ...

(2) Choose the correct answer between the brackets:

(1) 79 – 55 = …………… (24 *or* 14 *or* 34)

(2) 5 units = …………… (50 *or* 15 *or* 5)

(3) 7 tens = …………… (7 *or* 70 *or* 17)

(4) 83 – 42 = …………… (41 *or* 40 *or* 42)

(3) (a) Find the result of the following:

(1) 86 + 13 = ……………

(2) 87 – 36 = ……………

(3) 43 + …………… = 96

(4) 36 + 10 = ……………

(b) Rng the smallest number:

23 , 27 , 42 , 26

(c) Complete in the same sequence:

44 , 54 , 64 , …………… , ……………

(4) First: Complete the pattern:

[a] …………… , 53 , 55 , 57 , ……………

[b] 14 , 16 , …………… , 20 , ……………

Second:

In the General League of Basketball, if the points of Al-Ahli team is 18 and the points of El-Zamalek team is 15 which is greater and what is the difference between them?

The greater in points is ....

The difference between the points

= .... – .... = ... points.

(5) (a) Arrange the following numbers ascendingly:

53 , 55 , 45 and 54

(b) Complete:

The value of the digit 8 in 28 is ....

(c) Match from the set (A) to the suitable from the set (B)

Set (A)	Set (B)
Square	
Cube	
Triangle	

Model 12

(1) Complete the following:

[a] 45 = 18 + ...

[b] The day that comes directly before Tuesday is ....

[c] 7 tens, 9 units = ...

[d] 24 = ... + ...

(2) Choose the correct answer between the brackets:

(1) Two consecutive numbers and their sum is 81 are ....

(40 + 41 *or* 30 + 31 *or* 51 + 50)

(2) 42 equals .... (20 + 4 *or* 20 + 21 *or* 40 + 2)

(3) 9 tens = ... (15 *or* 90 *or* 43)

(4) 4 units, 8 tens = ... (84 *or* 48 *or* 80)

(3) (a) Find the result of the following:

(1) 27 + 52 = ...

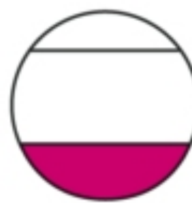
(2) 88 – 14 = ...

(3) 44 + ... = 75

(4) 14 + 22 = ...

(b) Put ( ) under each figure if third of it is coloured :




(4) First: Complete the pattern:

[a] 15 , 25 , 15 , 25 , …………… , ……………

[b] , , , …………… , ……………

[c] , , , ……….. , ………..

Second:

Wael bought a set of stories by 35 pounds and fishing tools by 64 pounds.

Find the total money that wael paid.

Wael paid = …………… + …………… = …………… pounds.

(5) (a) **Write the name of each of the following figures:**







( ) ( ) ( )

(b) **Complete by using the suitable relation "> , = , <":**

(1) 19 …………… 91

(2) 10 + 5 …………… 5 units, 3 tens

(3) 64 …………… 46

(4) 61 …………… 50 + 20

Model 13

(1) Complete the following:

[a] The greatest number formed two different digits = ...

[b] The number of the days of the week = ...

[c] 14 > ....

[d] 14 < ....

(2) (a) Choose the correct answer between the brackets:

(1) Two consecutive numbers and their sum is 69 are ....

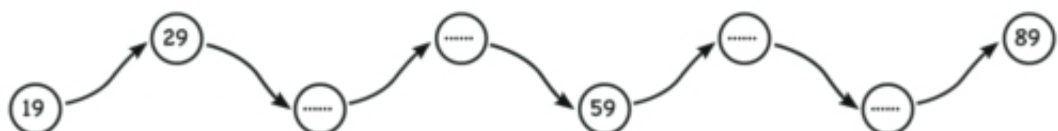
(39 + 40 *or* 29 + 30 *or* 34 + 35)

(2) Five tens is greater than .... (49 *or* 51 *or* 50)

(3) 9 tens = ... (15 *or* 90 *or* 43)

(4) 3 units, 4 tens = ... (83 *or* 38 *or* 80)

(b) Complete the following:



(3) (a) Find the result of the following:

(1) 24 + 15 = ...

(2) 87 – 24 = ...

(3) 42 + ... = 44

(4) 38 + 10 = ...

(b) Colour $\frac{1}{2}$ of the opposite figure in red, $\frac{1}{4}$ of it in blue :



(4) First: Complete:

(1) The greatest two-digits number whose units digit equals 0 is ....

(2) The value of the digit 7 in the number 72 is ....

(3) The value of the digit 7 in the number 27 is ....

Second:

In one day, if the number of visitors of **57357** Hospital from the boys is 50 and the number of girls equals 42.

Find the number of visitors in that day.

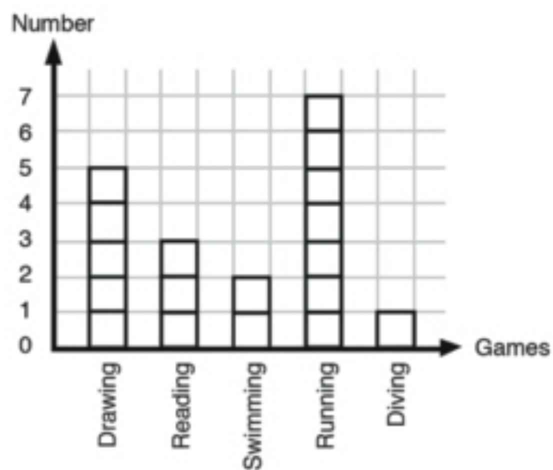
The number of visitors = ... + ... = ... pupils.

(5) (a) Match from the set (A) to the suitable from the set (B)

Set (A)	Set (B)
Square	
Cube	
Cuboid	

(b) Complete the following table using the opposite graph:

Game	Number
Drawing	....
Reading	....
Swimming	....
Running	....
Diving	....



المواصفات الفنيــة:

مقــاس الكتـــاب:	$\frac{١}{٨}$ (٥٧ × ٨٢) سم
طبـــع الـمتـــن:	٤ لون
طبـــع الغـــلاف:	٤ لون
ورق الـمتـــــن:	٨٠ جم أبيض
ورق الغـــــلاف:	٢٠٠ جم كوشيه
عدد الصفحات بالغلاف:	١٣٦ صفحة

الأشــراف برنتتـنج هـاوس